

Bird Expedition

Lake Junin, Jan 27, 1931

[1]

* 1788	<i>Colymbus taczanowskii</i>	♂ 355
	scarlet, dark leaden breast, bluish base especially feet pale greenish, toe lobes yellowish.	
* 1789	<i>Colymbus caligatus juninensis</i> (?)	♂ 310
2	scarlet; bluish base, toes yellowish, flesh leaden. Brownish neck, rusty fulvous, white on sides of head, brownish silvery below; feet leaden drab lobes bluish flesh	
1790	" "	♀ 290
3	blue brown	
* 1791	<i>Querquedula puna</i>	♂ 465
4	brown \ bright leaden blue, ridge black \ feet leaden (#5 missing) white black.	
1792	" "	♂ 465
6		
* 1793	<i>Hessonie rufa oreas</i>	♂ 143
	brown \ black \ black	
1794	" "	in ♀ 137
1795	" "	in ♂ 136
1796	" "	♂ 143
* 1797	<i>Pisobia bairdi</i>	♀ 179
	brown \ black \ black	
* 1798	<i>Gallinago andina</i>	♀ 237
	brown \ black, especially, white breast (mostly) dull yellowish olive	
1799	" "	nesting ♂ 244
1800	" "	in ♀ 215

X

- * 1801 ✓ *Aethopyga modesta rostrata* ♂ 165
brown) breast, pale blue below black
brown) black, pale blue below black) black
(buff upper tail coverts)
- * 1802 ✓ *Agelaiitta variegata juninensis* ♀ 167
brown) black, pale blue below black) black
brown) black, pale blue below black) black
(buff upper tail coverts)
- 1803 ✓ " " ♀ 169
- Lake Guan, June 28, 1931
- * 1804 ✓ *Sicalis uropygialis* ♂ 145
brown) black above, leaden blue below dark
brown, tail darker,
- * 1805 ✓ *Ptilocichla resplendens* (Carriau) ♀ 317
white) black above, faintly white) pink below
- * 1806 ✓ *Nycticorax tyazzo-guira* ♀ 605
carriau) black, chest, neck below) olive yellow
- * 1807 ✓ *Plegadis ridgwayi* ♀ 500
dull red) black above, dull black below
barely pinkish base of bill (feet black)
- * 1808 ✓ *Colaptes serranus* ♀ 425
brown) dark red) dull carmine
- 1809 ✓ " " ♂ 462
" "
- * 1810 ✓ *Coturnis curvirostra* ♂ 350
brown) black) dark brown
- * 1811 ✓ *Agricola montana insolens* ♀ 253
brown) black) black
- 1812 ✓ *Querquedula puna* breeding ♂ 450
brown) bright blue above, ridge black) dull
blue below, rump blackish
- 1813 ✓ " " breeding ♂ 420
" "

X

[2)

Lake Titicaca, Jan 29, 1931

- 1814 ✓ *Querquedula pura* setting ♀ 424
 14
- 1815 ✓ " " eggs. ♀ 445
 15
- 1816 ✓ " " molt breeding ♂ 444
 16
- * 1817 ✓ *Colymbus americanus* ♂ 315
 17 vermilion) black, dusky flesh below (barely) dusky leaden
- 1818 ✓ " " ♂ 303
 18
- 1819 ✓ " " chick - ♀ 193
 brown) flesh, black tip + median band \ leaden
- 1820 ✓ *Colymbus taczanowskii* ♂ 330
 19 scarlet \ leaden blue, ridge blackish \ pale leaden, webbing
 yellowish blue.
- 1821 ✓ " " ♀ 354
 20
- 1822 ✓ " " ♂ 355
 21
- 1823 ✓ " " chick - ♀ 140
 brown) flesh, black subapical band + base of ridge \ pale leaden
- * 1824 ✓ *Pelica ardesiaca* (?) ♀ 422
 22 brown) pale yellowish blue, ridge dusky, shield red \ greenish
 leaden
- ** 1825 ✓ *Phalacrocorax brasiliensis* (?) ♂ 750
 23 green) bill & pouch dull yellow, ridge blackish \ black.
Lake Patocancha
- * 1826 ✓ *Trochilus polytmus pura* ♂ 134
 brown) black, flesh below (barely) brown flesh
- * 1827 ✓ *Pyrgilis violacea* breeding ♂ 153
 brown) blackish \ brownish black

(18-2)

- (18-2)
- * 1828 ✓ *Nettion exysterum* X ♂ ♀ 375
24 brown, wings edge of tip black, sides & hind yellow \ bright flesh
- 1829 ✓ *Cotymbus americanus* juv ♂ 295
25 pink vented \ bluish brown, ridge black
yellowish olive inside, dark olive outside
- * 1830 ✓ *Chloephaga melanoptera* ("Lore") ♀ 666
26 dark brown (pink flesh, tip black) bright salmon.
- Lake Jairin, year 30, 1931.
- Out on lake with Fratela boat in canals
between reeds.
- 1831 ✓ *Fulica ardesiaca* juv ♀ 300
27 blue-gray \ blackish brown, yellow flesh below
dull golden drab
- 1832 ✓ " " juv ♂ 345
28 gray \ blackish brown, tip pale \ greenish drab.
- 1833 ✓ "
29 brown dusty brown, tip greenish; should ad \ dark greenish
drab.
- 1834 ✓ "
30 red \ white, streak of yellow on sides of culmen, with
tip pale olive green; shield dark reddish maroon.
feet greenish yellow, joints dusky; toes pale brown blue
- 1835 ✓ "
31 " " (recently laid eggs) ♀ 460 T.E. ♂ 425
- Same as 1834, except lateral streak on culmen
orange yellow; 4 spot of crimson on tibiae next to
feathers.
- * 1836 ✓ *Erisomaturia ferruginea* ♂ 425
32 dark blue \ bright cinnamon blue, nail black,
below pink \ dusky, web black.
- 1837 ✓ "
33 " " " ♂ 412
brown pink \ edge + nail dusky blackish,
- 1838 ✓ "
34 brown \ dull pink, pale brown below "
- (20-3)

20-3

X

[3]

1839 ✓ *Erismatura ferruginea* imm. ♀ 385
 35 Iris & bill same as 1838 \ feet sooty, mand pale.

1840 ✓ " " imm. ♀ 375
 36 — — —

(Kedwa name for *Erismatura* = "Tación")

1841 ✓ *Erismatura* chick ♀ 235
 tail black, flesh below, blackish, toes pale

1842 ✓ " " chick ♀ 230.

1843 ✓ *Nettion oxypteron* T.M.E. ♂ 445
 37 brown \ Indian yellow, ridge & nail black \ drab.

1844 ✓ " " " ♀ 398
 38

1845 ✓ " " " ♀ 407
 39

1846 ✓ " " " ♂ 423
 40

1847 ✓ " " " chick ♀ 155
 bill & feet black

1848 ✓ " " " " ♂ 160

1849 ✓ *Querquedula puna* (eclipse) ♂ 475
 41 brown \ blue, ridge black \ under tail, joints
 dusky

* * 1850 ✓ *Dafila spinicauda* T.E. ♂ 550
 42 brown \ silver, bill & mand. yellow, ridge jet
 black, speculum feather above black \ down drab

21-4

Feb. 1, 1931.

X

Lago Patococha + Kaukacocha (14 and 2d)

Sent canoe up to lakes yesterday, $1\frac{1}{2}$ hours
hard walk! All birds taken in lakes.

<u>1851</u> ✓	<i>Hares serrana</i>	♀ 430
43	brown \ dark cinnamon \ dark cinnamon	
<u>1852</u> ✓	" "	♂ 450
44		
<u>1853</u> ✓	" "	♀ 280
	In down, with quills half out.	
<u>1854</u> ✓	" "	chick ♂ 205
<u>1855</u> ✓	" "	chick ♀ 190
<u>1856</u> ✓	" "	♂ 170
	chick, only few days old, taken near nest.	
<u>1857</u> ✓	<i>Eriomystax ferruginea</i>	♀ 438
46	brown \ black, rusty below throat, blackish outside + pale inside, mouth black.	
<u>1858</u> ✓	" "	♀ 400
47		
<u>1859</u> ✓	" "	T.S.E ♂ 400
48	brown \ bright blue, nail dusty, flesh below, dusky medially)	
<u>1860</u> ✓	" "	T.M.E ♂ 424
49		
<u>1861</u> ✓	" "	T.M.E ♂ 430
50		
<u>1862</u> ✓	" "	T.M.E ♂ 428
51		
* <u>1863</u> ✓	<i>Pato Real</i>	T.E. ♂ 652
52	pink clay col \ dark blue, paler at base, below pale orange, edges black \ yellowish drab, joints dusky	
<u>1864</u> ✓	" "	♂ 640
53		

(213)

X

{ 47 }

1865 [✓] *Chloephaga melanoptera* ♂ 788
54 brown \ pale purplish, top black \ salmon red

♂ 788

1866 [✓] " " " ♂ 768
55 " " "

1867 [✓] " " " ♀ 710
56 " " "

1868 [✓] " " " ♀ 662
57 " " "

1869 [✓] " " " ♂ 786
58 " " "

1870 [✓] " downy juv. ♀ 485
59 brown \ black, pink below, top black \ dusky purplish

1871 [✓] " " " downy juv. ♀ 450
60 " " "

1872 [✓] " " " downy juv. ♂ 530
61 " " " pink me with tail

*1873 [✓] *Muscisaxicola alpina grisea* ♂ 203
brown \ black \ black.

*1874 [✓] *Oreothichilus melanogaster* ♂ 131
black \ black.

(23-3)

Lake Itzamá, Feb 3, 1931

- 1875 *Phalacrocorax brasiliensis* ♂ 738
4 blue-green / blackish, flesh below / black
- 1876 *Dafila spinicauda* T.M.E. ♂ 530
8 brown) ridge, nail & front edge black, sides bright yellow, apical portion pale blue; yellow below, tip + sides black, subapical portion pale blue
feet dull drab, nails blackish
- * 1877 *Falco fuscocatruzensis* ♂ 387
brown cere + basal portion yellow, tip black,
subapical portion bluish) feet pale yellow
- * 1878 *— amayara* (dow) ♀ 191
dark brown / black) flesh.
- 1879 * " " ♂ 185

Falco — no 1877:

Pelican, post ocular & median streak, entire upper parts & wings above dark slate blue, upper tail coverts slightly barred whitish; middle rectrices slate black with 7 gray bars; rest of tail black with white even bars; broad post ocular stripe & median color remaining; throat white below, cinnamon color remaining, with sides of breast, (nearly joining in middle) slate black, barred with whitish; breast and throat under wing coverts ochraceous, greater coverts & under tail 2 wings quills only gray, barred with white

(25-4)

91 skins

25 species

4 new to Coll

X

[5]

Aquimara, Feb. 8, 1931

- * 1880 ✓ *Spizitornis parvus aequatorialis* ♀ 112
pole gray \ black \ black
- * 1881 ✓ *Metallura smaragdinaeotis* ♂ 102
black \ black
- 1882 ✓ " " ♂ 98
- 1883 ✓ " " ♂ 105
- * 1884 ✓ *Leucippus leucogaster* ♂ 120
black, flesh below \ black
- * 1885 ✓ *Colibri isotatus* ♂ 152
black \ black
- * 1886 ✓ *Ochthoeca rufipectoralis centralis* ♂ 147
brown \ black \ black
- * 1887 ✓ *Elaenia pallatangae* laying. ♀ 153
brown \ black, flesh below \ black.
- * 1888 ✓ *Hemispingus leucogaster* ♂ 149
brown \ black, leaden blue below largely \ black
- * 1889 ✓ *Diglossa brunneiventris* T.E. ♂ 147
brown \ black, leaden blue below largely \ black.
- * 1890 ✓ *Poecilotriccus lacrymosus* ♀ 188
brown \ black \ blackish
- 1891 ✓ " " ♀ 183
- * 1892 ✓ *Pogonopelia mysticalis* T.M.E. ♂ 194
brown \ black \ brownish black
- * 1893 ✓ *Saltator aurantiirostris albociliatus* ♂ 228
brown \ salmon red \ dark brown
- 1894 ✓ " " ♂ 230

X

1895[✓] *Saltator aurantiipectus albosquamis* ♀ 226

1896[✓] " " " ♂ 220

*1897[✓] *Heliochera rubrocristata* ♂ 227
pink-red) flesh basally, black apically) black

~~1898~~ *Agriornis montanus imitans* 278
brown) black, flesh below basally) blackish

*1899[✓] *Turdus gigas gigantoides* ♀ 333
brown) salmon red, eyelid yellow) orange

1900[✓] " " " ♂ 334

Arguimarea, Feb 9, 1931

I went up valley to head at pass, then around ridge to right & down ridge to road everything killed between 9500' & 12,000 ft.
got back at 2 P.M.

*1901[✓] *Asthenes wyatti gramineola* ♀ 173
brown) black, leaden below) pale leaden blue

*1902[✓] *Mecocerculus stict. taeniopterus* ♀ 127
brown) black) leaden blue

*1903[✓] *Helianthea osculans* ♂ 110
black) blackish

*1904[✓] *Myiochanes melanoleuca* ♀ 151
brown) black) black

1905[✓] " " " ♀ 152

*1906[✓] *Synallaxis azarae* ♀ 185
brown) black, leaden blue below) olive

[6]

- * 1907 ✓ *Margarornis perlatus* ♂ 170
brown black, flesh below & brown brown
- 1908 ✓ " " ♂ 180
- * 1909 ✓ *Cinnycertzia* ♀ 155
gray black, bluish flesh below medially brownish black
- * 1910 ✓ *Antrostomus bogotensis* (Tschudi) ♀ 163
brown black, dark below, tip black & flesh
- * 1911 ✓ *Upucerthia* — Curred fell Furnariidae, ♂ 187
brown black, flesh below basally blackish.
- * 1912 ✓ ^{pis} *Sporophila cyanocephala* ♂ 205
brown black, leaden below medially at base pale brown
- ** 1913 ✓ Green Parrot (?) ♀ 193
brown dusty olive yellow, cere same yellow flesh
- 1914 ✓ *Colaptes punctatus* (?) ♀ 337
yellow black dull olive brown
- 1915 ✓ *Helioctes ruficristata* ♀ 223
pinkish blue bluish white basally black apically black
- ** 1916 ✓ *Accipiter bicolor* (?) ♀ 340
yellow black, lower blue at base & on sides, cere olive yellow
feet yellow
- ** 1917 ✓ Black wing parrot ♀ 264
front black & chin yellowish green; stems, hind neck &
& band across throat pale greenish blue; back, scapulars,
tertials & tail green, latter tipped blue; wings black
purple blue on outer webs, edged green; anterior
glosses brown; lower parts green.
orange black flesh, base above pale olive yellow & dusky.
- 1918 ✓ " " ♂ 262
- * 1919 ✓ *Oxypteron megalopterus* ♀ 569

X

Aguimara, Feb 10, 1931

gave up shooting, I stayed in & skinned birds from yesterday.

1920 ✓ *Metallura smaragdinaeollis* ♀ 96
black \ black.

* 1921 ✓ *Lafresnayeia lafresnayi rectirostris* ♀ 125
black \ black.

1922 ✓ *Elaenia pallatangae* ♂ 154
brown \ black, flesh below \ black

** 1923 ✓ *Euscarchmoris granadensis* Agribape ♀ 115
dusky yellow \ black, pale below) pale blunt flesh.
Green above, base & eye region cinnamon brown,
Upper throat black, Lower throat & old. whitish;
chest gray; crimson pale yellow; nine long coverts
& edge of wing sulphur yellow.

1924 ✓ *Ochetorhynchus rufomarginata* ♀ 157
brown \ black \ black.

1925 ✓ *Hemispingus leucogaaster* ♀ 138
brown \ black, leaden below) leaden blue

1926 ✓ *Macrocerculus stictopterus* *tenebriopterus* ♂ 146
brown \ black, flesh below at base) leaden

1927 ✓ " " " ♀ 130

X

[CT]

Aguinarea, Feb 11, 1931.

- * 1928 ✓ *Boarremom poliophrys* ♂ 211
brown black blackish
- 1929 ✓ " " " ♀ 205
- 1930 ✓ *Eoscarthmoris granadensis pyrrhops* ♂ 114
straw black pale bluish
- 1931 ✓ *Lanius leucogaster* laying ♀ 113
black, pale below black.
- ** 1932 ✓ *Thlypopsis ornata macrosterna* ♂ 144
brown black leaden blue below leaden blue
whole head, neck, throat & upper chest bright cinnamon
ochraceous, throat & chest slightly paler; sides & flanks
dull grayish, washed with ochraceous; belly white, cream
orange; abm dull ashy gray, slightly mottled with ochreous
- 1933 ✓ *Atlapetes mysticalis* ♀ 183
brown black brownish black.
- * 1934 ✓ *Ochthoeca thoracica thoracica* ♂ 147
brown black black
- * 1935 ✓ *Pseudospingus xanthocephalus* ♂ 153
pale yellow black leaden black.
- 1936 ✓ " " " ♂ 152
- 1937 ✓ " " " ♂ 154
- ** 1938 ✓ *Syndactylus* ♂ 188
whole body & tail cinnamon rufous, dusky apic
at bases of feathers on throat.
red black, pale below (rarely) leaden blue
- 1939 ✓ " " " imm. ♂ 192
brown black, dusky yellowish below pale blue

X

- 1940 ✓ *Elaenia pallatangae* ♂ 154
 brown black, pink below black
- 1941 ✓ *Hemispingus leucogastror* ♂ 145
 brown black, lesser coverts leaden blue
- ** 1942 ✓ *Spediornis (?) jardini* (m) ♂ 137
 upper parts dark bluish gray, below pale cinnamon gray &
 rump broadly edged with whitish ~~gray~~
 brown blackish brownish black.
- ** 1943 ✓ *Iridisornis reinhardti* T.E. ♂ 126
 white streaks throat black, with a broad golden yellow
 band across occiput, down to side of throat; back
 dark purple, edging to orange to rump greenish blue,
 chest violet blue, breast & abd. greenish blue.
- 1944 ✓ " " T.S. ♀ 177
 brown black, pale brown blue below black
- 1945 ✓ " " ♀ 179
- ** 1946 ✓ *Delothraupis castaneiventris* ♀ 178
 hazel black, cinnamon below dusky brown
- 1947 ✓ " " ♀ 174
- 1948 ✓ *Diglossa brunneiventris* T.M.E. ♂ 148
 brown black, cinnamon below dusky black
- * 1949 ✓ *Diglossa pectoralis* ♂ 160
 brown black black
- * 1950 ✓ *Diglossa cyanea melanopsis* T.E. ♂ 173
 cinnamon black black
- * 1951 ✓ *Poecilothraupis lunulata* ♂ 195
 brown black black

X

8

- * 1952 ✓ *Psittositta rieffeli elegans* imm ♀ 220
brown) dark reddish) dull red

1953 ✓ " " " " ♀ 213
brown) bright vermilion) bright pink scarlet

1954 ✓ *Heliosciurus rubrictinctus* ♂ 226
cinnamon) whitish (varably black apiculus) blackish

** 1955 ✓ *Euchloris intermedia* ♂ 252
brown) cinnamon) pink scarlet

1956 ✓ *Turdus gigas giganteus* ♂ 335
brown reddish orange) orange yellow
✓ *Cyanolyca viridi-cyanus*

* 1957 ~~*Xanthoura*~~ *Jolyaca* ♂ 350
Same as *Xanthoura* (Hawa)
brown) black) white

1958 ✓ " " " " imm ♀ 340

1959 ✓ " " " " imm ♂ 353

1960 ✓ *Chloephaga melanoptera* ^{dark} ♀ 270
blue) black) whitish

1961 ✓ " " " " chick ♂ 273

Auguimareia, Feb 12, 1931

Ivua went across river & up mountain side, got tall 4²° S.W. I skinned bird all day

* 1962 ✓ *Hameria*

♂ 127

Shining bronzey green above, below, throat cinnamon each feather with a shining bronzey green spot, chest bright chestnut rufous, sides greenish rufous; tail cinnamon below, lips & under parts especially greenish black & dusky

1963 ✓ "

"

♂ 128

* 1964 ✓ *Serpophaga cinerea*
brown & black & black

♀ 114

* 1965 ✓ *Pyrhomyias cinnamomea*
brown & black & black

juv (?) 130

1966 ✓ *Margarornis squamigerus perlata*, ♂ 165
brown & black, flesh below & blackish brown

1967 ✓ *Thlypopsis ornata macroptera* ♀ 143
brown (black, dusky below) dusky blue.

1968 ✓ *Delothraupis castaneiventris* ♀ 175
red brown (black, dusky below) blackish brown

1969 ✓ *Iridornis reinhardti*

♂ 170

same as # 1943

* 1970 ✓ *Procnopis africana* ♂ 150

Palms & wings greenish blue, slight apertures silvery on occiput, interscapular dark, much upper tail coverts & wing coverts light cornflower blue, greater coverts & quills edged purplish blue, black & upper chest silvery blue, breast, sides & cinnamon streaks blue belly black white
brown & black, dusky below (rarely) dusky

1971 ✓ *Diglossa personata*
red black & black

♂ 170

[9]

X
Aguinarcá, Feb. 13, 1931

I went back up valley again today but birds scarce, gun went along road to N.E. & above.

- | | | |
|---|---|-------|
| 1971 ✓ <i>Hummer</i> | | ♂ 134 |
| | same as nr. 1962 black) blackish | |
| 1972 ✓ <i>Euscarthmornis granadensis</i> perhaps | ♂ 113 | |
| | straw) black) leaden blue | |
| 1973 ✓ | " | ♀ 114 |
| 1974 ✓ <i>Ochthoeca thoracica thoracica</i> | ♂ 148 | |
| | brown) black, dark brown below black, | |
| 1975 ✓ | " | ♂ 147 |
| 1976 ✓ <i>Synallaxis azarae infornata</i> (?) | ♀ 186 | |
| | hazel) black, leaden blue below) straw | |
| 1977 ✓ <i>Hemispingus leucogaster</i> , | ♀ 145 | |
| | brown) black, leaden yellow) leaden horn | |
| ** 1978 ✓ <i>Hemispingus atropileus auricularis</i> | ♀ 168 | |
| | brown) black, leaden blue below) pale leaden blue | |
| 1979 ✓ <i>Delothraupis castaneiventris</i> | ♂ 175 | |
| | dark red) black, leaden blue below) leaden horn | |
| 1980 ✓ | " | ♀ 174 |
| * 1981 ✓ <i>Myiarchus cephalotes</i> | ♂ 196 | |
| | brown) black) black | |
| | Probably same as <i>Horizocerushumeralis</i> . | |
| * 1982 ✓ <i>Turdus serranus serranus</i> | ♀ 265 | |
| | brown) black breast, brownish especially | |
| | \ dull yellow) brownish yellow | |
| 1983 ✓ <i>Heliochara rubricristata</i> imm. | ♀ 220 | |
| | brown) black, leaden or tan below) blackish | |

50-12

X

55-13

X

[10]

1995 ✓ *Elaenia pallatanga* ♀ 150
brown black, flanks yellowish black

1996 ✓ " " ♂ 154

* * 1997 ✓ *Micrurus* ♀, 33
entire upper parts, wings & tail mostly black, with
slight greenish gloss; tertials & rectrices narrowly
tipped with white, tail mostly sooty; throat,
a line down center of breast & abdominal feathers, and
below mostly black
brown (black) below blue

* * 1998 ✓ *Cassicus* ♀ 287
blue/pale yellowish, blue at base & below black.
Entirely black, with minor exception greater coverts
& large patch on rump with yellowish

1999 ✓ " " ♂ 310
blue/pale orange brown belly, white specally black.

2000 ✓ " " ♀ 276
black white, brownish base black

2001 ✓ *Cyanolyca* ♂ 356
same as previous
brown/black black

2002 ✓ " " ♂ 351

~~Argus Pheasant~~

Total Argusianaria species 37
new to coll 15

57-15
25-4
72-50
10-7

Total species to date 82
new to coll 19

X.

Holm Caucal, Pisco, Feb. 23, 1931

- 2003 ✓ *Nycticeornis* ♂ 627
carmine black, dull yellowish at base below,
around eye dull green feet pale yellow, faint dusky
- 2004 ✓ " " ♀ 604
yellow dung green, ridge black, ~~dusky~~ ~~green~~ green.
- Caucal, Pisco, Feb 24, 1931.
~~With small~~ small front & no t. ~~marked~~.
- **2005 ✓ *Tachyris rubrigaster libertatis* ♂ 128
white black ~~\~~ black
- 2006 ✓ " " " " ♀ 116
- **2007 ✓ *Phloeocryptes melanops melanops* ♂ 142
brown black, flanks blue, tail brown
- 2008 ✓ " " " " ♂ 150
- 2009 ✓ " " " " " ♀ 142
- 2010 ✓ " " " " " ♀ 141
- **2011 ✓ *Pisobia minetilla* ♀ 142
brown black ~~\~~ dusky green
- **2012 ✓ *Vermivora hypoleuca* ♀ 155
brown black
- 2013 ✓ " " " " ♂ 158
- **2014 ✓ *Sicalis luteiventris raimondii* ♂ 135
brown black, flanks blue, tail brown
- **2015 ✓ *Gallinula galeata pauxilla* ♂ 343
62 brown ~~\~~ dusky brown white ~~\~~ dusky green
- **2016 ✓ *Spatula clypeata intermedia* ♂ 210
yellow pale greenish yellow, sides dusky ~~\~~ dusky brownish

- X
- □
- * 2017 ✓ *Fepilia croziana* T.M.E. ♂ 178
white) orange broadly, black apically; pink band
- 2018 ✓ " " laying ♀ . 172
dusky yellow) yellow broadly, black apically)
- ** 2019 ✓ *Querquedula cyanoaptera* ♂ 400
63 brown) blackish head, pale below) pale yellow, joints dusky
- ** 2020 ✓ *Nettion*(?) ♀ 486
64 brown) leaden blue, orange spot on each side at
base of neck) dusky drama.

Caveato (Riv.) Feb. 25, 1931.

- ** 2021 ✓ *Amazilia amazilia* T.M.E. ♂ 98
brown) blue, black throat & tail
- ** 2022 ✓ *Anthos peruvianus*(?) ♀ 142
brown) blue, white belly broadly flesh
- 2023 ✓ " " ♀ 143
- 2024 ✓ " " ♂ 145
- 2025 ✓ " " ♂ 140
- 2026 ✓ " " ♂ 140
- ** 2027 ✓ *Pithecetides rufochloris* ♀ 170
brown) blue, black
- 2028 ✓ " " ♂ 149

13 - 12

(T3-12).

X

* 2029 ✓ *Moscigralla brevicauda* ♀ 127
brown \ black \ flesh

2030 ✓ *Pycnophanes robiniaeus* ♂ 158
brown \ black \ black

2031 ✓ " " ♂ 147

2032 ✓ " " ♂ 153

2033 ✓ " " ♀ 157

2034 ✓ *Sporophila telascae* (L. & Th.) T.M.E ♂ 117
brown \ black \ black

2035 ✓ " " ♂ 115

* 2036 ✓ *sporophila telascae* ♀ ♀ 106
nearly white brown, pale sandy brown above,
black brownish with blackish brown
brown brown brown, pale yellow \ black

* 2037 ✓ *Saltator* (Linné) (Lippig et al.) ♀ 220
brown black \ white \ white

* 2038 ✓ *Manus longicaudatus* ♂ 305
yellow \ black \ black

* 2039 ✓ *Chordeiles acutipennis pruinatus* ♂ 208
brown \ black \ black

2040 ✓ " " " ♀ 203

(19-18)

(19-18)

X

[12]

2041 ✓ *Chordeiles acutipennis prasinus*

(same as 2039)

♀ 205

2042 ✓ "

" "

♂ 212

2043 ✓ *Poospiza bonaparti*

White Throated Sparrow Same as 2071

♂ 145

* 2044 ✓ *Spinus*

brown/black/brown/black

♂ 116

2045 ✓ "

♂ 115

2046 ✓ "

♀ 118

2047 ✓ *Sicalis*

Same as No. 2014.

♀ 131

brown/black/brown/black/brown/black

* 2048 ✓ *Tropicarius bellicosus*

brown/black/pale yellow/brown/blue

♂ -

2049 ✓ *Brachyspiza capensis*

♀ 161

* 2050 ✓ *Guila Gadowiana*

♀ 348

70 brown/black/greenish-yellow

✓ 2051 ✓ Golden (or black) (No. 18) Plover,

(no hind toe)

♀ 220

brown/black/black

✓ 2052 ✓ "

♂ 270

2053 ✓ *Speotyto cunicularia intermedia*

♂ 252

(21-20) yellow/pale green/brown and dusky/tan etc

(21-20)

X

- 2054 *Nettion* ♂ 505
65 hazel \ feet and drab, pink & white blackish

- 2055 ✓ " " ♀ 515
66

- ** 2056 ✓ *Folice* (var *ardesiae*) ♀ 400
67 red hazel \ white, frontal shield very pale yellow
feet & tail drab, greenish olive drab.

- ** 2057 ✓ *Psalidodon* ? ♀ 730
68 black above with blue
gray \ black pale blue below \ tail drab.



Cancún, Feb 26, 1931

- 2058 ✓ *Nyctiornis tayaze-guira* ♀ 570
74 ad) bluish gray with yellow belly, white throat

- ** 2059 ✓ *Pyrocephalus rubineus* (beach) T.S.E ♂ 159
brown black \ white

- ** 2060 ✓ *Ceryle americana* (molted young) ♀ 223
brown black \ white

- ** 2061 ✓ *Talaenopsalis* ♀ 273
brown \ cinnamon brown, tail of white feathers

24-23

24-23

X

[3]

Caucato, Feb. 27, 1931

We went down to the ponds at sea shore
 starting at 4:30 AM. Then collected an albatross
 on hillside - 2 km. from beach, back at 10 AM.
 a freightfully hot day. Min. Temp., 5 AM = 75° F
 Max. Temp. inside house (3 ft adobe walls) = 85°.

** 2062 Long-tail Hummer ad ♂ 148
 black & white

2063 " " " ad. ♂ 156

2064 " " " imm ♂ 110

✓ 2065 *Atrizilla amazillia* (var. amazillia) ♀ 105
 black & white bars, tip black & black

* 2066 *Canisettia cineraria* ♀ 112
 may be same as *C. leucostoma*
 brown & black, leaden below & black

** 2067 *Geothlypis elegans* T.M.E. ♂ 124
 brown & black, flanks yellow during flight
 Front & eye region white, yellowish orange above &
 green; throat bright saffron yellow

2068 *Muscigralla brevicauda* ♀ 123
 Terrrestrial Flycatcher - say no. 2027
 brown & black & bluish flesh.

2069 " " " ♂ 127

2070 " " " ♂ 124

** 2071 *Poospiza bonaparti* T.E. ♂ 137
 Frick's dark slate blue; sup. culmen, black &
 alld white, chest black; rump & belly, & crown chestnut
 streaks white on inner web; side of head & wings
 superciliaries (above white streaks) black.
 brown & black, brown below breast, & brown lower

(28-26)

(28-26)

X

** 2072 ✓ *Volatinia jacarini* T.M.E. ♂ 118
brown black, brown blue below, blackish

2073 ✓ *Sporophila telasco* T.M.E. ♂ 108
same as No. 203 of (chestnut throat)
brown black black

2074 ✓ " " " same as No. 2026 (may be ♀ of 2073) ♀ 108
brown brown black blackish

2075 ✓ *Saltator striaticeps* immaturus ♂ 226
same as No. 2037.
brown black black

* 2076 ✓ *Tyrannus melancholicus* (?) T.M.E. ♂ 230
brown black black

2077 ✓ *Tropialis belliceps* ♂ 223
red breasted Meadowlark
brown black black blue below bluish pink

** 2078 ✓ *Bolborhynchus aurifrons* ♂ 198
Paraguai: - Heavy border around base of bill +
upper mandible yellow; green above, greenish yellow
below; wing quills blue on outer web, long pointed
tail; green above & olive green below.
brown yellowish pink dark pink

✓ 2079 ✓ " " ♀ 190

✓ 2080 ✓ " " ♀ 194

✓ 2081 ✓ " " ♂ 188

✓ 2082 ✓ " " ♂ 187

2083 ✓ *Glaucis* type ♀ 353
69 brown black clay yellow

(31-28)

(31-28)

X

[14]

♀ 248

2084 ✓ *Colymbus americanus*
 71 reddish breast, white under & head - same as
 green heads
 red \ black \ blackish drab

2085 ✓ *Nettion* (?) ♂ 540
 72 White necked Duck
 brown see under 2054

2086 * *Phalacrocorax* ♀ 715
 73 white breast
 dusky streak pale blue, edge black like black.

* This bird rich, very fine & abundant markings black

2087 ✓ *Pycrocephalus ruber eus* (?) ♀ 150
 brown \ black \ yellow

Caucato, Feb. 28, 1931

We went to the salt marsh between Guatimí & Tanday. saw about 100 ducks, a few Green Wing Teal.

2088 ✓ *Totanus* ♀ 91
 Human & of long tail.
 black \ white.

✓ 2089 *Anisognathus* see T.M.C. ♂ 113
 pink flesh, tip black \ black

* 2090 ✓ *Pygochelidon cyanoleuca* ♀ 126
 brown \ black \ black

2091 ✓ " " " ♀ 127

2092 ✓ " " " ♀ 128

2093 ✓ *Phoenicopterus melanops* ♂ 145
 brown \ black, pink below breast) dark here

32-28

(32-28)

- 2094 *Muscicapa brevicauda* ♀ 116
 Small terrestrial flycatcher
 greyish black & dusky plum.
- 2095 ✓ *Geositta* ♂ 155
 Found near white, blue, & sandy duckling.
 Pale sandy brown above, white below; outer web of middle tail
 below; wing quills pale cinnamon, with sullen cast black, tail
 dark
- 2096 ✓ *Rallus {elegans crassirostris}* ♀ 215
 Pale sandy brown above, heavily streaked with
 blackish, wing coverts pale chestnut; sandy head
 grey, long rump; slaty pale supercilium eye to bill.
 Throat white & quill begins to leave parts pale.
 cinnamon & white; flanks black, breast white.
 Brown & salmon red, wedge of breast pale salmon
- 2097 ✓ *Progne* ♂ 123
 Blue black above & below
 brown & blue & black
- 2098 ✓ *Spinus* ♂ 115
 same as others
 brown & black, tip black & blackish
- 2099 ✓ *Euphonia cayennae* T.M.E. ♂ 191
 Blue, orange larchy, black especially & pale yellow at
- 2100 ✓ " " ♀ 178
 dark streaks yellow larchy, black especially, pale yellow red
- 2101 ✓ *Nettion* (3) ♂ 520
 75 White-necked Shrike
 brown & see previous specimen
- 2102 ✓ " " ♂ 518
 76
- 2103 ✓ " " ♂ 562
 77

(35-36)

(35-39)

X

[15]

Hemianay, N.W., 2, 1931

I went up to this little town, 25 miles up
the road at 1300 ft., going Sunday afternoon.
by motor truck, collected a couple of hours along
roads and then morning & took in truck
at noon.

- * 2104 ✓ *Spizella breweri albiventris* ♀ 123
probably same as *Oreospiza*
brown back, flanks & belly white
- 2105 ✓ *Muscigralla brevicauda* n. ♀ 123
terminal flycatcher
brown back, white face below) tail white
- 2106 ✓ *Geothlypis* T.M.E. ♂ 133
same as 2064
brown back, white belly & sides pink.
- 2107 ✓ *Pycnonotus robiniae* ♀ 163
brown back & black
- 2108 ✓ *Volatinia jacarina* T.E. ♂ 112
brown back, white face below & black.
- ** 2109 ✓ *Bubo virginianus magellanicus* ♂ 482
yellow breast & claws black.
- 2110 ✓ *Geositta p. peruviana* T.E. ♂ 156
brown & blackish, white white below back)
white, following route of road.
- 2111 ✓ " " " ♂ 155
- 2112 ✓ " " " ♂ 155
- Cauca, Mar. 2, 1931 - salt marsh.
- 2113 ✓ *Sporophila telasco* T.M.E. ♂ 105
- 2114 ✓ *Ceryle americana* ♀ 228
brown & black
- 2115 *Gallinula gallofa pavilla* ♀ 353
77 brown bright crown, tip olive yellow, blue green,
purple, blackish black with brown soft

(37-32)

X

Caccato, Mar 3, 1931

We went to bridge & collected in wood
lowlands along Lujia, above bridge on S side
birds abundant, but not many species.

2116* ♂ 155
Long Tail Tanager

** 2117 ✓ *Myiophobus roscens* (3) ♂ 128
Guianan Flycatcher -
dark blue down above, concealed cinnamon on crown
& cinnamon (double) wing bar; wings & expert
black; cinnamon patches below throat &
outer edges of outer tail feathers,
but blackish.

2118* " " ♀ 129

2119* " " ♀ 127

2120* " " ♀ 133

2121* " " ♂ 130

** 2122 ✓ *Troglodytes musculus aydat* ♂ 127

* 2123 ✓ *Elairca albiceps modesta?* ♂ 171
blue from above, large concealed yellow patch on eye patch
white & chest pale drab, sides & flanks cinnamon, middle breast
& belly white; cinnamon patch on throat, no pale wing bar

* 2124 ✓ " " ♀ 165

* 2125* " " " TABLE. ♂ 167

* 2126* " (40-35) " ♀ 172

(40-35)

[16]

*2127^v *Elaenia albiceps modesta* ♀ 166
same as 2123.

✓ 2128^v " " ♀ 171

** 2129^v *Asleya tricolor tenuirostris* ♀ 161

Above dark olive green; front, lores & spot on
chin black; below entirely pale olive green.
tail & feet yellow.

2130^v " " T.M.E. ♂ 162

2131^v " " ♂ 171

2132^v " " ♀ 166

2133^v " " imm. ♂ 159

2134^v " " imm. ♂ 165

♀: - olive brown above, pale yellow with brown below.
tail & feet dusky yellowish

2135^v *Spetotyto cunicularia intermedia* ♀ 230

2136^v " " " ♂ 245

2137^v " " " ♂ 232

✓ 2138^v " " " ♀ 223

*2139^v *Zenaidura auriculata* Tie. ♂ 269

probably same as *Zenaidura* additional specm caught = 42

(42-36) (124-55) new to collection = 36

Total species to here = 124
new to coll. = 55

Honolulu, March 5, 1921

- 2140 ✓ *Spizotornis regalis affinis* ♂ 150
brown) black, flesh heavily below
- 2141 ✓ *Volatinia jacarini pacifica* ♂ 113
brown) black) flesh blue
- 2142 ✓ ♀ 162
Yellow back) same Tonga
brown) bright yellow) yellow
- * 2143 ✓ *Catamenia analis* ♂ 129
whole black, neck, throat & upper parts above a very gray, fuscous.
Fusca) whitish black) anterior portion of back with
brown) heavily streaked black; wing-coverts black
(black) median black with 2 smaller white & diffuse
white bars submarginally; it possibly concealed beneath patch
on wing-coverts posteriorly; at edge a grayish expanse; below
whitish, with white & blackish streaks; Caudaline tipped
with pale yellowish) surfaces with large white
spots on distal part, in median feathers
of outer brownish gray also, heavily streaked with white
brown & blackish also below scutellum, deeply streaked
brown) yellow) black.
- 2144 ✓ " ♀ 166
brown) whitish brown, yellow at base below) black
- 2145 ✓ " " " " " ♀ 124
— \ deeply brown, yellowish white black
- 2146 ✓ *Micrurus* ♂ 333
of various colors, blackish
- 2147 ✓ " " " " " ♀ 227
brown) black, black) flesh, brown (flesh)
not dark brown
- * 2148 ✓ *Dives Kalinowskii* ♀ 295
shining black) determines same as *Claviger*
brown) black) brown
- 2149 ✓ " " " " " ♂ 295

(2-1)

X

07

- ** ✓ 2150 *Chloronops rubiginosa rubripilea* ♀ 270
 Paler slate gray, with black streak along sides,
 bordering the dark, white of which extends head, wings
 scarlet. Throat & upper breast black, rest below
 pale yellowish, barred with black, somewhat
 irregularly; brownish stripe above mouth, dull yellow,
 all barred (including wings) with black.
 brown black (below)
- ✓ 2151 *Falco sparverius* ♀ 278
 brown (head) blue, tip of msh. black (dull orange)
- * ✓ 2152 *Gymnopelia erythrethorax* ♂ 190
 black green brown (same as *Clavigula*)
 pale blue - skin orange (black) flesh
- ✓ 2153 ✓ " " " ♀ 188
- ✓ 2154 ✓ " " " ♂ 183
- ✓ 2155 ✓ " " " ♂ 183
- ✓ 2156 *Zenaidura auriculata* ♂ 278
 same as *Canicula*.
 brown (head) yellow black
- (2180 *Melopelia meloida*
 above dull grayish slate color, also lesser
 wing coverts & tertials) wings & upper tail coverts
 slate gray; tail olive brown above; skin around
 eye blue; throat & chest pale buffy manganese;
 rest below bluish olive gray, feathers black
 outer primaries edged white & large white patches
 on outer edges; varying from band back over
 outer coverts & outer tertials

(4-2)

(4-8)

X

Honolulu, Mar 6, 1931

- ** 2157 *Myctis fanniae* ♂ 97
 Hummer-like, soft shining green, feathers
 blackish green above, yellow & orange edges edged with
 grayish; tail long, feathers 30 mm. long, feathers 10 mm.
 & becoming numerous like scales; throat glittering blue
 & green, lower edge purple, rest below & on belly,
 neck & flanks buff;
 ♀ same as ♂ above, but head grayish; below throat white
 & flanks pale cinnamon buff, rest below white
 black) black) tail greenish black below, broad
 white
- 2158 " " ♂ 100
- 2159 " " ♂ 99
- 2160 " " ♀ 93
- 2161 " " ♀ 94
- 2162 " " ♀ 93
- ** 2163 *Rhedopezus vesper* ♂ 134
 Hummer - bill 30 (long) tail 50
 duller shining green above, yellow & orange feathers edged
 with grayish; upper tail coverts cinnamon, back black
 deeply forked (shorter than) throat glittering blue & green
 white sides, lower throat & breast white, rest
 grayish (shorter rectrices 28 mm. shorter than longest
 black) black
- 2164 " " ♂ 140
- 2165 " " ♂ 144
- 2166 " " ♀ 126
 (b-4)

- (6-19)
- ✓ 2167 [✓] Rhodopis vesper in ♂ 123 [18]
- ✓ 2168 " " ♀ 124
♀ above same as male, upper tail coverts less than twice
tail feathers & green above, below gray, subterminally
black, tip white
- ✓ 2169 [✓] Volatinia jacarini pacifica ♂ 115
- ✓ 2170 " " " ♀ 113
- ✓ 2171 " " " ♀ 111
- ✓ 2172 [✓] Colaptes angolensis ♂ 136
adult ♂ entirely slate gray above, with many
black cross bars on middle scapulars
- ✓ 2173 " " " ♂ 132
- ✓ 2174 [✓] Eupetia cruziana ♂ 183
- ✓ Psilopsiagon
- ✓ 2175 [✓] ~~Balbophynchus~~ ^{a.} aurifrons ab ♀ 199
little Parrotbill known in Cauca
- ✓ 2176 [✓] Mimus ♂ 317
- ✓ 2177 " " " ♂ 292
- ✓ 2178 [✓] Dives sp. imm.
Black Breast ♂ 304
- ✓ 2179 " " " ♂ 296
- ✓ 2180 Falco sparverius ♀ 295
- ** 2181 [✓] Metopelia meloda ♂ —
Pigeon-alko. 2156

(7-5)

X

~~2181~~ Huancayo, Mar. 7, 1931

2182^v *Spizitornis reguloides albiventris* ♂ 124.

2183 ✓ " " " ♂ 120

2184^v *Coniostrum cinereum litorale* ♀ 112
same as Clemente's *C. apollinaris*

2185 ✓ " " " ♀ 117

2186^v *Troglodytes musculus avadax* ♀ 124

** 2187^v *Sper. picta simplex* ♀ 114
Very black & streaked; dark slate blue above,
wings blackish with double large buffy white
spots of broad dusky submarginal band & short buffy
white, often broken, buffy white & cream colored white

2188^v *Catamenia analis* ♂ 126

2189^v *Poospiza bona partei* ♂ 142
Flock name as No. 2021

♀ grayish brown above, streaked with dusky; white
supercilium & breast; white at eye, mixed with black
old individuals, white parts of wing, probably identical in a
rather noticeable white ventral white areas

2190 ✓ " " " ♀ 135

** 2191^v *Turdus chiguanco contractus* ♂ 274
dark grayish brown down above, pale grayish brown below
inner tail feathers cinnamon, whitish with fine
white shaft lines.

** 2192^v *Oreophagus solitarius* ♂ 245

(10-8)

(10-8)

X

[19]

✓ 2193 Dives ~~spurilla~~
Black turtledove

♂ 310

✓ 2194 Bolborhynchus aurifrons
Little Parrot - same as Cucatla

♂ 185

✓ 2195 Gymnophelia erythrocercus ♂ 192
Spotted Ground Dove
black white black flesh skin around eye orange

✓ 2196 Zenaidura auriculata ♂ 268
same as No. 2139
brown black pink flesh

Huancazo, March 8, 1931

shot shot in cotton field by me.

✓ 2197 Topaza (?) ad. ♂ 164
Long tail Hummer - same as Cucatla

✓ 2198 Myrtis fannyae ♀ 92
Huancazo same as No. 2187.

✓ 2199 Rhodopis vesper ♀ 130
Huancazo same as No. 2163
to

✓ 2200 ✓ " " ♀ 127

✓ 2201 ✓ " " ♀ 127

✓ 2202 Volatinia jacarina pacifica ♂ 110

✓ 2203 ✓ " " ♀ 112

✓ 2204 Sporophila simplex ♂ 117
same as No. 2187

(10-8)

(10-7)

X

2205 ✓ *Catamenia analis* ♂ 129

2206 ✓ *Poospiza bonapartei*

White-throated Sparrow.

♂ 126

[11 additional species] Total species = 135
9 new to coll. new to coll. + b4]

Huancazo, Mar. 9, 1931.

Shot on road about 4 miles above Huancazo,
on some earth cliffs. Flock of 6.

** 2207 ✓ *Aratinga frontata* ♂ 430

Entirely green except:- pale lead back to hind edge
of eye, head of wing & patch on edge of wing under
tail and wing, and lower end of tibiae all
bright crimson; under side of tail & wings more
blue green.

✓ 2208 ✓ " " ♂ 407

Pampas, Mar. 9

Shot along trail on opposite side of river from
Pampas. A flock of 15 to 20.

** 2209 ✓ *Chætura zonaris* ♂ 221

Muchig, Mar 10, 1931

✓ 2210 *Rhodopis vesper* ♂ 144

Huancazo: same as large species at Huancazo.

✓ 2211 ✓ " " ♀ 126

✓ 2212 ✓ *Spiritorana reguloides albiventris* ♂ 123

✓ 2213 ✓ *Troglodytes musculus undulatus* ♀ 131

(10-7)

(1-1)

X

[20]

*2214 *Melozone ruficollis*

♀ 190

Pileumumber brown, face pink edged with reddish,
 chin, breast stripe around eye black; throat &
 malar region buffy white; chest gray; lower breast
 abd. & ventrum cinnamon buff; back & wings
 grayish brown

2215 ✓ " "

♂ 189

*2216 ✓ *Chloroceryle rubrocapilla* ^{rubrocapilla} in ♂ 275
 same as at Huancanec - quite common here.

*2217 ✓ " " in ♀ (?) 265

*2218 ✓ " " " in ♀ 277

*2219 ✓ " " " in ♀ 269

*2220 ✓ *Pheucticus chrysogaster*. T.E. ♂ 230
 (same as from Obregón)

2221 ✓ *Dives* ^{aparvo} Black Crake ♀ 290

2222 ✓ *Turdus chiguanco conradi* ♂ 285
 same as from Huancanec.

2223 ✓ " " ♂ 280

(3-2)

(3-2).

X

Michig., Mar. 1, 1931

- ** 2224 *Himantopelia reticulata* ♀ 280
Slow brown above, crown more slaty; wings
blackish; entire lower parts slate gray; crimson
black, shorter over brownish.
Iris carmine bill gray green, blue at base of mandib.
+ carmine at base of mandib. on sides of mouth, feet salmon
- 2225 * " " ♂ 300
- 2226 *Turdus chiguango conradi* ♀ 273
- * 2227 *Glaucomys brasiliensis* ♀ 140
probably same as Abayille.
- 2228 ✓ " " ♀ 125
- 2229 ✓ *Pheucticus* — ♀ 225
brown (black), pale below below leaden blue
- 2230 ✓ " " ♂ 232
- 2231 ✓ " " ♂ 217
- * 2232 *Patagona gigas peruviana* ♀ 216
- 2233 " " " ♂ 222
- 2234 " " " " ♀ 212
- 2235 ✓ " " " " ♀ 209
- ** 2236 *Colibri* — ♂ 156
Marboletus, but has blue tail instead
of pale green.

(7-4)

[21]

2237 *Colibri*

same as 2236.

♂ 161.

2238 " "

♀ 139.

2239 " "

♂ 158

2240 " "

♂ 151

2241 *Myrtis fannyae*Kunashir; Seward and Prib. Islands; off Kamchatka
Black & Black.2242 *Dives* sp. nov. ♀ 2.91
Black Drift

Mudug, Mar. 12, 1931

2243 *Spiritornis regoloides albiventris* ♂ 122** 2244 *Myiochanes cinereus) punensis* ♀ 152
eggs size 10x10 mm

2245 " " " ovary small. ♀ 150

* 2246 *Ochthoeca Leucophrys leucometopa* ♀ 157

Palawan dark ashy brown; back brown; wings & tail blackish, secondaries & tertials narrowly edged with white; broad white supercilium to occiput; sides of head blackish, lower parts pale ashy, median part of lower breast & abdomen white; rest of ventrum white with rectrix white on outer webs; under wing coverts gray, mixed with white.

2247 " " " ♂ imm. 140

2248 " " " imm. ♀ 136

(9-3)

(9-3)

2249 ✓ *Meleagris gallopavo* nationi T.E. ♂ 1952250 ✓ *Chloroceps rubiginosus* ♂ 2882251 ✓ *Dives* sp. nov. ♂ 312
Black bridle2252 ✓ *Falco sparverius* ♀ 276✓ 2253 ✓ *Aratinga frontata* ♂ 313
same as 2202

✓ 2254 ✓ " " ♂ 395

Machig, Mar 13, 1931

2255 ✓ *Troglodytes musculus audax* ♀ 130* 2256 ✓ *Nicropus peruvianus* ♀ 137
White bellied Swift - same as Chajillo** 2257 ✓ *Spinus capitalis* ♂ 133

Pileum & sides of head & natal region black; chin
throat & entire lower parts yellow; above greenish
yellow, feathers blackish brownish, showing a
black streak; mouth yellow, some black,
breast band of yellow across basal portion of wing
long, covete also of back, greater black, tipped yellow.

2258 " " ♀ 130

♀ plain of head replaced by olive gray, with
darker center to feathers of pileum, back grayish
greenish, throat whitish, also belly & breast
below yellowish, wings same as ♂.

* 2259 ✓ " " ♀ 123

2260 ✓ *Pyrgilus alaudinus* ♂ 150
Brown, gray above & black, rest white below

2261 ✓ " " ♂ 153

2262 ✓ *Falco sparverius* ♂ 270

(12-6)

Total additional species Muldug = 12
new to collection = 6

Total species to date = 147
new to collection = 70

(503 species)
[22]

Altitude Canada = sea level.
" Norway = 1300 ft
" Huancayo = 3300 "
" Muldug = 8000 "

2263
2264
2265
2266
2267

5 1/2 (2)
2 1/2

Bahia de la Guadalupe, Mar. 17.

**	<u>2263</u>	♂ 1040
	79 Flamingo straw \ pink feet tanally, black apically	
	feet black rosy, legs pale greenish yellow	
	<u>2264</u> " ♂ 1050	
	80 "	
	<u>2265</u> " " ♂ 1050	
	81 "	
**	<u>2266</u> ✓	♀ 512
	82 Black w/ptd. Tame brown \ brownish red \ black	
	<u>2267</u> " " ♂ 510	
	83 "	
	<u>2268</u> " " ♂ 550	
	84 "	
**	<u>2269</u> ✓	♀ 382
	85 Small Flamingo. Guel brown \ blackish maroon, tip red \ dark brown red	
**	<u>2270</u> ✓	in ♀ 525
	86 Big Flamingo. Guel brown \ pale greenish tan, tip red, subapically black dark greenish yellow, tip tan	
	<u>2271</u> " " in ♀ 520	
	87 "	
	<u>2272</u> " " in ♂ 520	
	88 " dark yellow, tip red, slightly black subapically	
**	<u>2273</u> ✓	in ♂ 687
	89 Hazel (brown) blue white tan	
	<u>2274</u> " " ♀ 765	
	90 red \ leaden brown creamish tan (brown)	

X

**
2275 ✓ 91 Red Legged Cormorant ♀ 682
gray \ brownish yellow, ridge black, bare
red \ red

2276 ✓ * 92 (less red at base) feet reddish yellow ♀ 692

2277 ✓ 93 White breasted Cormorant ♀ 745

Total skins 503 + 15 = 518

1 " species 147 + 5 = 152

Mean size 70 + 5 = 75

X

[24]

Nasca, Mar 22, 1931

- 2278 *Spiziternis reguloides*
albiventris ♀ 117
- 2279 *Myiophobus rufescens*
Cinereous (?) 133
- 2280 *Conixostrem cinereum*
Litorale ♀ 117
- 2281 *Volatinia jacarina pacifica* ♂ 111
- 2282 *Muscigralla tricincta* ♀ 120
- 2283 " " ♂ 126
- 2284 " " ♀ 125
- 2285 *Saltator striatipennis* T.M.E. ♂ 224
- 2286 *Geositta peruviana* ♀ 157
- 2287 *Pyrocephalus rubineus* ♀ 158
- 2288 *Elaenia albiceps modesta* (C.) ♂ 123
- 2289 " " ♂ 168
- 2290 *Sporophila telasco* ♂ 106
- * 2291 *Neoxhylocharis deaconi* T.M.E. ♂ 136
Thick bill
- 2292 " " ♂ 126

- 2293 Neoshyrnochus devronis imm ♂ 126
 Thick Bill Sparrow
- 2294 ✓ " " ♀ 126
- 2295 Pooecetes bonapartei imm ♂ 125
 White Throated Gray Sparrow
- 2296 ✓ " " ♀ 134
- 2297 Himantopodalis reticulata imm ♂ 300
 Brown & dark ground, ridge bluffs & dark woods
- 2298 Mimus imm ♂ 305
 (dark) desert gull, ridge bluffs & dark woods
- 2299 ✓ Trochalopteron bellicosum ♂ 220
 Meadow Lark
- 2300 ✓ Pheucticus chrysopcephalus ♂ 237
- Nazca, Peru, 23/31.
- 2301 ✓ Tepozia ♂ 150
 Long Tail Hummer
- 2302 ✓ Amazilia amabilis ♀ 107
- 2303 ✓ Volatinia jacarina portica large eggs ♀ 114
- 2304 ✓ Cnemidostomus cinereum littoralis ♂ 115
- 2305 ✓ Elaenia albiceps modesta ♂ 170
- 2306 ✓ " " ♀ 163

- X
- [25]
- ✓ 2307^v *Elæenia albiceps modesta*(V) ♀ 165
- 2308^v *Pyrocephalus rubineus* ♀ 158
- 2309^v *Muscigralla brevicauda* ♂ 128
- 2310^v " " ♀ 121
- 2311^v " " ♂ 128
- 2312^v *Neothryynchus devronis* ♂ 134
Thin-billed Sparrow
- 2313^v *Poospiza bonapartei* ♂ 135
White-throated Sparrow
- 2314^v " " ♂ 140
- 2315^v " " ♂ 139
- 2316^v " " ♀ 130
- 2317^v " " ♀ 135
- 2318^v " " ♀ 132
- ✓ 2319^v *Chlorospingus rubiginosus* ♂ 283
brown black dull leaden, rubripileus
- 2320^v " " ♀ 260
- ✓ 2321^v " " ♂ 268

- 2322 ✓ *Tropialia bellicosa* ♂ 233
 Meadowlark
- 2323 ✓ *Speotyto cunicularia* ♂ 244
- Nazca, March 24/1931
- 2324 ✓ *Myiocephalus rufescens* ♀ 130
 Common Throated Flycatcher
- 2325 ✓ " " ♀ 127
- 2326 ✓ " " ♂ 132
- 2327 ✓ " " imm ♂ 115
- 2328 ✓ " " ♀ 118
- 2329 ✓ *Troglodytes musculus audax* ♂ 122
- 2330 ✓ *Muscigralla brevicauda* ♀ 113
- 2331 ✓ *Poospiza bonapartei* ♂ 132
 White Throated Sparrow
- ** 2332 ✓ *Systellura longirostris decussata* (?) ♀ 215
- 2333 ✓ *Sporophila telasco* ♀ 113
 Maroon Headed
- 2334 ✓ *Catamenia analis* ♀ 128
 White eph. on head
- 2335 ✓ yellow bellied gray Laniarius ♀ 162

[26]

2336 ✓
yellow bill Gray Tanager

juv ♂ 160
juv ♀ 162

✓ 2338 ✓ *Flacnia albiceps modesta* ♂ 175

✓ 2339 ✓ " " ♀ 169

2340 ✓ *Neorhynchos devriesi* ♂ 131

" 2341 ✓ " " imm ♂ 133

2342 ✓ *Pyrocephalus rubineus* ♂ 156

2343 ✓ " " ♂ 155

2344 ✓ *Tropialis bellicosa* ♂ 220
✓ *Buccocauda buccata*

2345 " " "
brown black, brown blue below | brown blue, ♂ 219

X
Nepa, March 25/1931

- 2346 ✓ Long Tail Warbler ♂ 150
- 2347 ✓ " " ♀ 90
- 2348 ✓ *Amazilia amabilis* T.M.E ♂ 108
- 2349 ✓ " " ♀ 104
- 2350 ✓ *Rhodopis vesper* ♂ 132
- 2351 ✓ " " ♂ 137
- 2352 ✓ " " ♀ 128
- 2353 ✓ " " ♀ 130
- 2354 ✓ *Spizitornis reguloides albiventris* ♂ 124
- 2355 ✓ *Muscigralla brevicauda* ♀ 124
- 2356 ✓ *Sporophila telasco* ♂ 111
- 2357 ✓ " " ♂ 112
- 2358 ✓ " " ♀ 116
- 2359 ✓ *Neorhynchos devianus* ♂ 129

X

[27]

♂ 132

2360^v *Neothryynchus devons*2361^v " " ♀ 1282362^v " " ♀ 1272363^v *Saltator striatipeatus* ♀ 2222364^v " " ♀ 2122365 *Tropialis bellioesa* ♀ 197
Meadowlands

2366 " " ♀ 190

Nazca, March 26/1921

2367 *Himnopardalis petrothryynchus* ♂ 725
red & pale gray greenish red, blue & black edges feathers
on neck & legs red.2368^v *Speculipeta bonapartis* ♂ 250
yellow & pale brown, tan during growth & dull color

X

Nazca, Mar 27, 1931.

- 2369[✓] Saltator striatipectus - ♂ 230
immaculatus
- 2370[✓] " " " = ♂ 230
- 2371[✓] " " " = ♂ 225
- 2372[✓] " " " " ♂ 230
- 2373[✓] Myrtis fanniae ♀ 92
- 2374[✓] Myioptilus rufescens ♂ 135
- 2375[✓] " " " ♀ 132
- 2376[✓] Pyrocephalus rubineus juv ♂ 155
- 2377[✓] Troglodytes musculus audax ♂ 130
- 2378[✓] Volatinia jacarini pacifica T.E. ♂ 117
- 2379[✓] " " " " ♀ 114
- 2380[✓] Muscigralla brevicauda juv ♀ 110
- 2381[✓] " " " " ♀ 125
- 2382[✓] Elaenia albiceps modesta ♀ 164

[28]

- 2383 ✓ *X*
Yellow bill Gray Tanager ♂ 160
- 2384 ✓ " " ♀ 169

- 2385 ✓ *Glaucidium* ♀ 191

- 2386 ✓ *Melopelia meloda* imm ♀ 292

- 2387 ✓ " " imm ♀ 296

Nazca, Mar 28/1931.

- 2388 ✓ *Amazilia amazillis* ♀ 103

- 2389 ✓ " " T.E. ♂ 101

- 2390 ✓ " " ♀ 109

- 2391 ✓ " " T.M.E. ♂ 110

- 2392 ✓ *Pygochelidon cyanoleuca* ♂ 135

- 2393 ✓ *Saltator striatipectus*, ^{immaculatus} imm ♀ 220

- 2394 ✓ " " " ♂ 235

- 2395 ✓ *Geositta peruviana* ♂ 153

- 2396 ✓ *Neorhynchos devonis* ♂ 130

X
2397^v *Chloroerpes rubiginosa* im ♂ 265

2398^v " " ♀ 282

2399^v *Zenaida auriculata* ♀ 263

~~2400 Metapolytmus modestus~~ +

2401^v " " ♀ 310

2402^v *Spectyto cunicularia intermedia* ♂ 235

2403^v *Amazona amabilis* T.M.E. ♂ 113

2404 *Myiocephalus rofescens* ♂ 135

2405^v *Psephotus bonapartei* ♀ 134

2406^v *Elaenia albiceps modesta* ♂ 120

2407^v *Chloroerpes rubiginosa* ♀ 261

No. 2398 had crop full of small
arboreal ants.

[29]

+

Nazca, March 29 / 31.

- | | |
|---|---------|
| 2408 ✓ <i>Myrtis fannyiae</i> | ♂ 99 |
| 2409 ✓ <i>Rhodopis vesper</i> | ♂ 138 |
| 2410 ✓ <i>Amazilia amazilia</i> | ♀ 103 |
| 2411 ✓ " " | ♀ 102 |
| 2412 ✓ <i>Myiotheretes rufescens</i>
brown black black | ♂ 133 |
| 2413 ✓ <i>Pyrocephalus rubineus</i> juv | ♀ 160 |
| 2414 ✓ <i>Muscigralla brevicauda</i> | ♀ 126 |
| 2415 ✓ <i>Poozpizza bona barteri</i> | ♀ 135 |
| 2416 ✓ <i>Sporophila telasco</i> | ♂ 113 |
| 2417 ✓ " " | ♀ 111 |
| 2418 ✓ <i>Neorhynchos devoniis</i> | ♂ 130 |
| 2419 ✓ " " | (?) 128 |
| 2420 ✓ " " | ♀ 128 |
| 2421 ✓ <i>Tropialis bellicosa</i> | ♂ 227 |

2422 ✓ *Eupelia cruziana* ♂ 185
2423 " " ♀ 184

Total skins to Independence Bay 518
" " in Mayca 146

Total species Independence Bay 152
additional species in Mayca 2 154
new species " " = 2 - total 77

Lake Junin Collecting January 1931.

Headquarters were at K.M. 72 on Cerro de Pasco R.R. in little Hunting Lodge belonging to a Hunting Club in Oroya. The lake shore is about $\frac{1}{4}$ miles from the R.R., the ground between being almost level, slightly sloping & covered with short grass. Quite a large part is covered with "Chunpa" & pot holes filled with water, the balance dry ground. Birds are fairly common on this Chunpa. *Ptilocetes resplendens* common, *Geositta* & ~~Sicalis~~ *Sicalis* most abundant of all, especially latter. A few "Seed Snipe" & Burrowing Owls & Flickers. In a reedy marshy tract towards the north were numerous Andean Snipe, & a few Gallinule. Down near water's edge the little Chestnut Backed Flycatcher were numerous, also scattering flocks of tame *Serrana* & Black Ibis. Pairs & small flocks of Querquedula Puna were everywhere, mixed in with *Fulica ardesiaca* & *Calyptorhynchus americanus*. In some shallow ponds running back from lake towards R.R. about 2 K.m. to the north were usually found scattered pairs & small flocks of Pintail Ducks. The Gulls & Ptilocetes were a perpetual nuisance while boating, continuously flying about overhead in circles & screaming, frightening away other birds. No Geese were seen around the lake at this season, as they were breeding around the small mountain lakes higher up. Flamingo were seen but once, a flock of about 20 or just inside the hills, well out from shore on a small island but inaccessible. Black Crowned Night Heron were quite common along shore of lake & very tame. A ditch had been opened from the lake island for about 200 yards & a boat house built at its end, where the Club canon was kept while in use, but at present it was carried to R.R.'s road on flat boats. This canal led to an opening in the reed bed, the only outlet to lake except the one to the hills in that direction. The reed bed varies in width from 200 yds to a mile.

& in the outer parts few were seen & even
on edges of water vegetation was sparse.
The long stalked, dry stems were
here & numerous tufts of Reed.
Along the outer side of the Reed bed
water lilies abounded. Lotus, long-stalked
Water-lily & Sagittaria, Eichornia, Water-hyacinth
& others. In the reed beds there was
small vegetation, but not dense.
Lily pads & ferns. At the head there
was quite a number of lily pads
& ferns, & a good many Anisodus
in the "Eclipse"; these being in the small
water lanes. Quite a number of Lake Trout
were seen, planted by the Leno de Poco Co.
Small fish 1 to 3 mila abounded. Water
weed of several species everywhere. Lake
not more than 6 feet deep anywhere
along outer edge of Reed bed, & often only
2 or 3 feet. Men in "Reed Baskets" often seen
hunting frogs with long pole with
double iron prongs on end.

Up at the head of a valley opening back
of Duck House, at 14000 ft. were three
lakes, two quite large & one rather small,
& about 4 to 5 miles distant. These lakes were
surrounded by high rocky, precipitous peaks.
In the small lake a flock of perhaps
15 Erythronium were found, several Cots
& a couple of Tacazites, also a pair of
Anas cristata. Several Hystrixarax & Gulls
present. Patocaria, like just above this
lake, is large but shallow, with a red
bed along outer edge. Here a pair of
these were taken, with 2 young. Also
a pair down from lake lilium candidum, one
with small young, the others were
young & 2 adults. The rest of the
lakes were on sand flats, built up
about 6" high of the sand & sea weed,
with Hydrostachys with roots, apparently in
well packed soil. Reed beds also found
on the Polygonum viviparum.
I saw only one pair of Fulica gigantea
which were these, but were not seen,

apparently had been placed. The small lake also held a large island of low reeds, & apparently the water bird there was the only bird seen.

From Kaimanawa, the largest lake on river & with long islands with tall grassy tufts. More scattered flocks of these birds, with 2 species. One bird seen & was a small brown & black bird. Another a little & yellow. Just below the village a large flock of geese were gathered in a nest.

The Geese nest on the cliffs back of these small mountain lakes & (it is said) carry the young down to the water as soon as hatched. When birds are full grown or can fly well, they go down to the shore of lake & swim.

Carmarthen to Auguimare.

Road leads up wide flat valley from town. Some 3 miles back, valley divides & road follows right hand branch, which rises more rapidly for a couple of miles, then opens out in long wide, regular, sweet plain, with a wide shallow lake in lower end. Trees, green & yellow & orange seen here.

At upper end, this plain is a low ridge, however, separating the lower valley & its head, from town. Town is built in bottom of valley. The road & a steep high ridge in a narrow valley, then down into valley, & valley with steep sides, cut down into the experienced botanist's hands. It goes down to a wide, deep, sheltered basin.

Great Petau River flows down, & a smaller stream joins it on road. The surface of ground is covered by the leaves of the trees, which fall at 9,700 ft. Vegetation in form of low scrubby trees & shrubbery ends at 12,000 ft. Birds of numerous species seen down this valley (see list opposite).

Birds seen between Paucartambo & head
of valley.

Spent night at Paucartambo, arriving at
5³⁰ P.M. Valley narrow and rocky here,
in fact, narrow & very rocky up to about
1200 ft. below town a ridge comes
down from left valley, then
out more, with large fields of
corn & potatoes under irrigation. A good
deal of shrubbery & low trees along sides
& along banks of river. Margarita quite
common along here in river, but water
to high to secure them.

Reached Aquinmarca at 12³⁰ P.M.
village on a large mesa on left hand
side of valley at least 1000 feet above the
river it sits at 3,300 ft. Large open
plots below town just cultivated & covered
with walls of adobe up above form
steep back up to top of mesa, well
above town line is about 12,000 ft.
The large scdts of rock are great size
scattered & broken, & almost impenetrable,
there being no trails scarcely which
penetrate it. One very bad trail leads up
north side of valley to head, passing
through a piece of virgin forest, where
most of the forest birds were secured,

Opposite Anguimarca, on other side of Renu
& from 8500 ft up to timber line is a
large tract of forest, but steep & broken &
difficult of access, as the trail goes back
up the valley several miles to a bridge,
then down on opposite slope, man went
over there once, but I did not go, as our
line was too flat. In the cultivated
lands below & above the village, shrubby
& low trees were common but birds
scarce & of few species, the following
forms being taken in this open
country. A pair of Tulreels in a pasture
above town. All Hummers but 2 (Colibri
riolatus &) were taken above
the village on a ridge & in forest belt.
Man took a set of Dendrocinclae of forest
edge & valley, all the rest below in
shrubbery & the edge of the hillside past,
several fine species being taken east
of the ridge above the hill.

Collecting was difficult here, because of
& country like ridge & valley.



[33]

X

La Punta de Bourbon, Apr. 6/1931.

- 2424 ✓ *Myrtis fannyae* juv ♂ 104
brown black.
- 2425 ✓ *Rhadopsis vesper* ♂ 146
black & black
- 2426 ✓ " " " ♂ 140
- 2427 ✓ " " " juv. ♂ 142
- 2428 ✓ " " " ♀ 129
- 2429 ✓ " " " juv ♂ 128
- **
2430 ✓ *Spizotornis nigriceps* ♂ 122
brown black, blue below, tip black & black.
- 2431 ✓ " " " " juv ♂ 108
— black black, blue & tan below
- 2432 ✓ " " " " juv (B) 114
- 2433 ✓ *Conirostrum cinereum* littoralis ♀ 118
brown black, blue below & black
- 2434 ✓ " " " " ♀ 115
- 2435 ✓ " " " " ♀ 116
- 2436 ✓ *Spinus ~~fuscus~~ semiviridis* ♂ 121
Same as Canis - brown black & black.
- 2437 ✓ *Pyrocephalus rubineus* ♂ 161
brown black & black

- X
- 2438 ✓ *Pyracephalus robinsoni* juv ♂ 165
- 2439 ✓ " " juv ♀ 160
- 2440 ✓ *Muscigralla brevicauda* T.E ♂ 130
brown\black\bluish flesh
- 2441 ✓ *Dacnis plumbea* juv ♀ 167
yellow bellied variegated
- 2442 ✓ " " juv ♀ 170
brown\black, yellow at base black pale brownish
- 2443 ✓ " " juv ♀ 162
- 2444 ✓ *Elaenia* ♂ 171
brown\black, fine. lines, (of black)\black
- 2445 ✓ *Systellura* ♂ 185
same as Mayca bird, tail and ruficervix,
brown\black\black
- 2446 ✓ *Eupetia eruziana* ♂ 175
brown\orange brownly, black apically (pink below)
- 2447 ✓ *Troopialis bellicauda* ♂ 240
brown\black, brown blue tinted brown below
- 2448 ✓ *Spectylo canicularia* ♂ 243
yellow\pair purple yellow, sides black,\
pink above color.

X
La Punta, Apr. 4, 1931.

[34]

~~Strewn~~ I went straight down to the river & walked along beach to mouth of the Tambo River, then up the river. Wood containing iron from Mollendorff was carried over to river & also never alone road.

- 2449^v *Myiocephalus rufescens* ♀ 126
brown black, flesh of face below black
- 2450^v *Anthos peruvianus* (?) T.E. ♂ 145
brown black, flesh pale, tip black flesh
- 2451^v " " " ♀ 140
- 2452^v " " " T.E. ♂ 142
- 2453^v *Pyrocephalus rubineus* (black phase) ♀ 158
brown black white
- 2454^v " " " " ♀ 157
- 2455^v " " " " ♂ 162
- 2456^v " " " " ♀ 157
- 2457^v *Petrochelidon rufigularis* ♂ 165
brown black white
- ** 2458^v *Oxyechus leucurus peruanus* ♀ 251
(Killdeer)
- 2459^v " " " " ♂ 245
brown black, brown at tip
- 2460^v *Conirostrum cinereum litorale* ♂ 119
brown black, paler at middle of breast

- X
- ** 2461 ✓ *Cinclodes taczanowskii* ♂ 222
 brown \ black, black tail, black back.
- 2462 ✓ *Systellura* ♀ 195
 same as no. 2445.
 brown \ black, black
- ** 2463 ✓ *Turdus chiguancus chiguancus* ♂ 270
 brown \ yellow \ yellow
- 2464 ✓ *Spinus semivadzki* ♂ 113
 (same as Caucafa)
 brown \ blackish, brown below \ black
- 2465 ✓ " " ♂ 121
- 2466 ✓ " " " ♀ 118
- 2467 ✓ " " " ♀ 119
- 2468 ✓ *Euphia cruziana* T.E. ♂ 182
 brown \ orange, variably, black apically \ pink belly
- 2469 ✓ " " " ~~enlarged~~ L 172
 " \ yellow, mainly, pale pink, same
- 2470 ✓ *Speotyto cunicularia* ♂ 246
 yellow palquinis yellow, white black \ dirt color
- ** 2471 ✓ *Theristicus melanopis* ♀ 695
 97 red \ black \ pink black.

fa Punta, April 8.

[35]

- 2472 ✓ *Harus dominicanus* ♂ 575
98 | big white head
* 2473 ✓ straw yellow, red spot at tip below pale drab
99 | tangerine black head white below,
brown yellow, tip red, subterminally black
pall yellow -
2474 ✓ *Himantopodalis reticulatus* ♀ 300 juv
2475 ✓ " " " juv ♀ 297
2476 ✓ " " " juv. ♂ 321
2477 ✓ *Turdus chiguanco* ♀ 253
2478 ✓ *Ceryle americana* ♂ 231
2479 ✓ " " " ♀ 235
2480 ✓ *Elaenia albiceps modesta* ♂ 170
2481 ✓ " " " ♂ 172
2482 ✓ *Petrochelidon voficollaris* ♀ 163
2483 ✓ *Spiriformis f. reguloides* juv ♂ 115
Previous totals { Spain 664 + 60 (Tafunta) = 724
Species 154 + 6 " = 160
new " 77 + 6 " = 73

X
Tubaya (Arequipa) April 12, 1931.

Thamnastura c. leota

- 2484 ^v Topazat? ♂ 160
Long tail Hummer.

2485 ^v Spizitornis n. reguloides ♀ 123

2486 ^v Conirostrum cinereum littorale ♀ 116

2487 ^v Troglodytes musculus I.E. ♂ 130

2488 ^v " " T.Swift ♂ 125

2489 ^v Conirostrum cinereum littorale in ♂ ♀ 120

2490 ^v Spizella capitalis ♂ 124

2491 ^v " " ♀ 125

2492 ^v " " in. ♀ 121

2493 ^v " " in. ♂ 125

2494 ^v " " in. ♂ 125

2495 ^v himmopodalis reticulatus ♀ 228

2496 ^v Tropidurus bellitorum ♂ 220

2497 ^v " " ♀ 197

2498 ^v Falco sparverius ♂ 268

X

[36]

Tiabaya (Aegithalos) effici 13, 1931

- 2499 ✓ *Thaumastura cora cora* ♂ 147
black/black
- 2500 ✓ *Rhodopis vesper* ♀ 125
black/black
- 2501 ✓ *Spizornis n. reguloides* T. Smit, ♂ 120
brown/black, yellow flesh below, tip black/black
- 2502 ✓ " " " ♀ 125
- 2503 ✓ " " " T. Smit, ♂ 121
- 2504 ✓ *Troglodytes musculus* ♀ 126
brown/black, yellow flesh below (orally) pale brown base
- ** 2505 ✓ *Geositta maritima* ♀ 150
brown/black, basal half below flesh black
- 2506 ✓ " " " ♂ 147
- 2507 ✓ " " " ♂ 149
- ** 2508 ✓ *Muscisaxicola m. maculirostris* ♀ 154
brown/black, basal half below yellow flesh black
- 2509 ✓ " " " ♂ 156
- 2510 ✓ " " " ♂ 154
- 2511 ✓ *Dacnis plumbea* ♂ 172
brown/yellow/yellow
- 2512 ✓ *Conirostrum cinereum littorale* ♀ 116
brown/blackish, leaden below, base brown
- 2513 ✓ " " " ♂ 116

- *
- 2514 ✓ *Spinus capitatus* ♂ 128
brown back, pale blue at backwash (lack)
- 2515 ✓ " " " ♀ 120
- 2516 ✓ *Pygialia alaudina bipartitus* in. ♀ 145
brown back, dusky flanks & sides
- 2517 ✓ *Spoonoptera concolor* ♀ 148
yellow-green yellow, sides dusky (dust color)
- 2518 ✓ " " " ♂ 125.5
- Tiabaya (Augufa) Apr. 14, 1931
- 2519 ✓ *Pyrocephalon cyanocephala* ♀ 129
brown back (lack)
- 2520 ✓ " " " T.E. ♂ 131
- 2521 ✓ *Moseisapicola m. maculirostris* ♂ 157
brown back, white below yellow back
- 2522 ✓ " " " " ♂ 154
- 2523 ✓ " " " " ♂ 157
- 2524 ✓ " " " " ♂ 152
- 2525 ✓ " " " " ♂ 154
- 2526 ✓ " " " " ♂ 149
- ** ✓
2527 *Geositta cunicularia deserticola* ♀ 160
brown back, pale blue below barely black

[37]

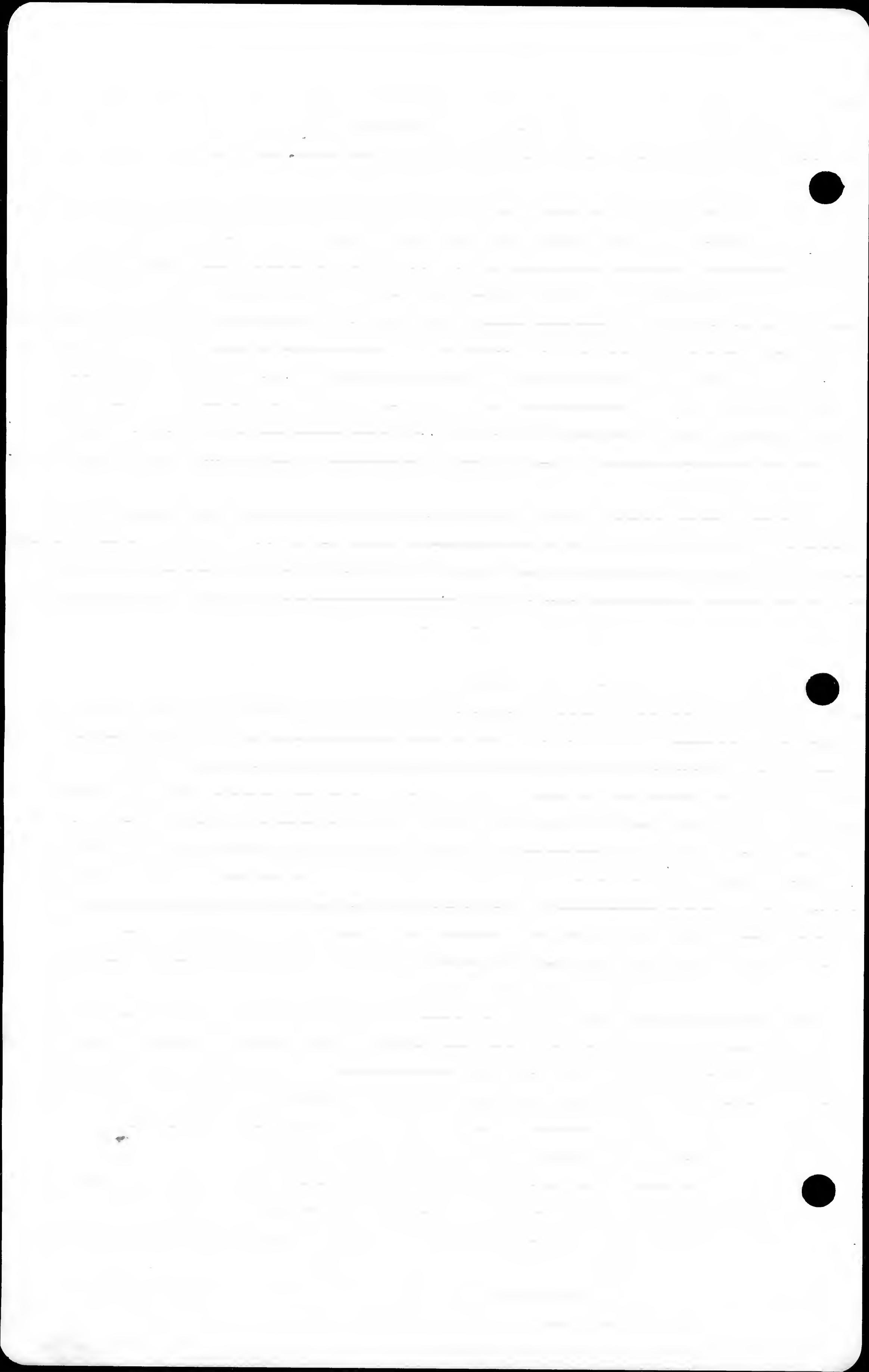
- X
- 2528 ✓ *Geositta unicoloria deserticola* ♂ 162
- 2529 ✓ " " " ♂ 158
- ** 2530 ✓ *Sicalis arvensis* T.E. ♂ 132
brown\black head, pinkish brown below\brown tail
- 2531 ✓ " " ♂ 132
- 2532 ✓ " " ♂ 135
- 2533 ✓ " " ♂ 132
- 2534 ✓ *Pyrgilus alaudinus* — in ♂ 150
brown\pale yellow, maf. dark, wings tan pale\yellow flesh
- 2535 ✓ " " ♀ 155
blackish, pale brown below\pink
- 2536 ✓ " " " in ♂ 155
- 2537 ✓ " " " in ♂ 150
- 2538 ✓ *Spinus capitalis* ♂ 130
brown\black, dark brown below\black
- 2539 ✓ " " ♂ 126
- 2540 ✓ *Troglodytes bellioosa* ♂ 216
brown\black tail, pinkish brown below\pinkish brown
- 2541 ✓ *Empidonax crissianus* ♂ 135
brown\orange, white\black, grey\pinkish\pink
- 2542 ✓ *Gnorimops cinnamomeus littoralis* ♀ 119
brown\black, bluish brown below\blackish brown

X
Tirabaya (Arequipa) April, 15, 1931

- 2543 [✓] *Nimnaeaidalis retyrhynchos* ♂ 322
Red \ green green, blue at base, red at tail below \ belly brownish salmon
- 2544 [✓] *Sicalis arvensis* ♀ 128
brown \ blackish, pink at base below \ brown below
- 2545 [✓] " " ♀ 130
- 2546 [✓] " " ♀ 127
- 2547 [✓] " " " (Ventral albino) ♂ 135
- 2548 [✓] *Pyrgilus alaudinus* T.E. ♂ 137
brown \ yellow, pink ridge belly \ pink.
- 2549 [✓] " " " imm. ♂ 157
— \ brown brown, pink belly; yellow pink below —
- 2550 [✓] " " " juv ♂ 152
— \ pink, pink below —
- 2551 [✓] *Pyrocephalus rubineus* ♀ 160
brown \ pinkish black
- 2552 [✓] *Pheucticus chrysogaster* ♀ 220
brown \ black, yellow pink below \ chest blue

Birds observed at Biabaya, not taken

Glaucidium 1 *Patagioenas* 1
Turdus chiguanco cornutus 1
Aymorpha erythrocercus (common)
Zenaidura auriculata (scarce)
Brachypteryx capensis (abundant)



Tiabaya (Argentina) April 16, 1931

- 2553^v *himnoparadalis retyrhynchos* ♂ 331
red \ green green, Head face, maxilla red at base \ brownish red
- 2554^v " " " ♀ 320
— \ — \ dusky pink
- 2555^v " " " ♂ 325
— \ — \ brown brown
- 2556^v " " " T.E. ♂ 312
— \ — \ dusky red.
- 2557^v *Muscisaxicola m. maculirostris* ♂ 160
brown \ black; ~~black~~ basal half below yellow \ black
- 2558^v " " " " ♂ 159
- 2559^v " " " " ♀ 155
- 2560^v " " " " ♀ 162
- 2561^v " " " " ♀ 152
- 2562^v " " " " ♂ 155
- 2563^v " " " " ♂ 159
- 2564^v *Geositta maritima* ♂ 150
brown black, basal half below bluish pink black
- 2565^v " " " " ♀ 140
- 2566^v *Geositta conicolaria deserticolor* ♂ 159
brown (blotchy) basal 1/2 below, bluish brown black

X

2567 *Geositta concoloria deserticolor* ♂ 160

2568 " " " " ♀ 156

2569 " " " " ♂ 161

2570 " " " " ♂ 163

2571 " " " " ♀ 160

2572 " " " " (?) 154

2573 " " " " ♀ 154

2574 " " " " ♂ 162

2575 *Pyrgilus alaudinus* ♂ 156
brown orange yellow, bluish white yellow

2576 " " " " T.E. ♂ 160
brown orange yellow, yellow black

2577 " " " " ♀ ♂ 152
brown, flesh black flesh

2578 ~~*Sparverius*~~ *Falco sparverius* ♂ 273
brown, brown blue brown, black orange, yellow orange
(Malaya)

Previous totals. • { ♂ 724 + 95 = 819
♀ 160 + 4 = 164
new spec. = 73 + 4 = 77

40

Panama d la Arriera, April 18, 1931.
12000 ft. on R.R. Augufa to Julian

** 2579	<i>Asthenes modesta modesta</i>	♀ 163
	downy black, pale brown at base of black	
2580 *	" " "	♂ 172
2581 ✓	" " "	♂ 164
2582 ✓	" " "	♂ 171
2583 ✓	" " "	♂ 172
** 2584	<i>Muscisaxicola reficervix occipitalis</i>	♂ 183
	downy black & black	
** 2585 ✓	<i>Geositta cunicularia trobenii</i>	♂ 165
	downy black, breast black, blue black & black	
2586 ✓	" " "	♂ 172
2587 ✓	" " "	♂ 168
2588 ✓	" " "	♀ 161
** 2589 ✓	<i>Vireo cassiniae pallida</i>	♂ 206
	downy black & black	
2590 ✓	" " "	♀ 205
2591 ✓	" " "	♂ 210
2592 ✓	" " "	♀ 201

- X
- ** *Pseudochloris*
2573 *Stictis ciliogialis* ^{commodius} ♀ 140
(new) blackish, dorsal below brownish black
- 2594 * " " " ♂ 147
- Papua de la ciencia, April 19, 1931
- * 2595 *Leptasthenura striata* ♂ 165
brown black, dorsal brownish black
- 2596 * " " ♀ 150
- 2597 * " " ♂ 145
- 2598 *Muscisaxicola minuta* ♂ 146
brown black (black)
- 2599 * " " " ♀ 152
- 2600 * " " " ♂ 162
- 2601 * " " " ♀ 157
- 2602 *Nesicaxicola ruficervix occipitalis* ♂ 175
same as No 2584 brown black
- 2603 * " " " ♂ ♀ 175
similar to 2602, but with yellowish last segment, brown pale
tail. brown black (black)
- 2604 *Asthenes m. modesta* ♀ 158
same as No 2579 brown black; pale throat black
- 2605 * " " " ♀ 158
- 2606 * " " " (?) 160

- X
- ** *Phaeolidomus striaticaps* (White head) ♀ [41] 185
 2607 ✓ ~~Diplochilia~~ brown | black | black
- 2608 ✓ " " ♂ 195
- 2609 ✓ " " ♂ 195
- 2610 ✓ " " ♀ 190
- 2611 ✓ " " ♀ 192
- 2612 ✓ " " ♂ ♀ 197
- 2613 ✓ " " ♀ 189
- 2614 ✓ *Upucerthia validirostris pallida*, ♂ 206
 same as No 2589 brown | black | black
- * 2615 ✓ *Pyrgilis philippinus* T.M.E. ♂ 135
 brown | black, dark brown | brown | black
- 2616 ✓ " " in ♂ 134
- 2617 ✓ " " T.E. ♂ 138
- 2618 ✓ " " ♂ 135
- 2619 ✓ *Pseudochloris*
Siculus *uropygialis connectens* in. ♀ 137
 same as No 2593
- ** 2620 ✓ *Pseudochloris* (?) ♂ 145
~~Siculus~~ large gray back - brown black, from blue below | brown brown
- 2621 ✓ *Agrionemis brentana insolens* ♀ 245
 straw | black | white

- *
- 2622 ✓ *Agriornis montana insolens* ♂ 265
- 2623 ✓ " " " (has never laid) ♀ 252
- 2624 ✓ *Metriopelia*
~~Aleuropteron~~ *affinis*
 brown white black ♂ 190
- 2625 ✓ " " " ♂ 190
- Pampa de Ariero, April 20.
 Skinned birds all 9° last night, & I did not get
 13 sp. I will not go shooting today, but since
 birds very cold this morning & probably (31°)
 45° outside now.
- 2626 ✓ *Asthenes modesta* ♂ 176
 same as No. 2529 brown black, pink below, belly black
- 2627 ✓ " " " ♂ 172
- 2628 ✓ *Pycnonotus plebejus* ♂ 136
- 2629 ✓ " " " ♂ 133
- 2630 ✓ " " " T. S. ♂ 136
- 2631 ✓ *Oreothraupis (melanogaster)* ♀ 131
 brown black
- 2632 ✓ *Blepharidurus* - - - imm. (?) 171
 same as No. 2595(?) brown black, pink at base of black
- 2633 ✓ " " " imm ♀ 141
 same as 2632, pink at base of black
- 2634 ✓ *Muscicapa rufiventer occipitalis* ♀ 178
 same as No. 2584 brown black black

42

- *
- 2635 *Geositta conicularia frobeni* ♂ 171
same as 2585 brown\black, black patch below (barely) black
- ** 2636 *Spinus* ♀ 133
Throat & upper parts black, rump yellow; back patches
edged with olive green; lower parts, base of tail & band
through wings yellow.
brown\black\black
- 2637 *Falco fuscocaudatus* ♂ 385
brown\grey, eyelids & bill (barely yellow) tip black\gamboge
- 2638 " " ♀ 426
- 2639 *Pseudochloris* (?) ♀ 135
same as 2638
- 2640 * " " ♀ 144
- 2641 *Muscicapida ruficervix occipitalis* (?) 170
(old name)
- 2642 *heptasticta s. striata* ♀ 167
- ** 2643 *Ochthoeca venanthoides polionota* (?) ♀ 161
rufous below, throat grey.
brown\black\black
- * 2644 *Spinus atratus* ♂ 136
brown\blackish, yellow below\black
- ** 2645 *Pyrgilus atriceps* ♀ 120
brown\black, face black save below\brown

~~2646~~

+

Pampa de los Andes, April 21.

- 2646¹ *Muscisaxicola rufiventer occipitalis*, ♂ 175
 red occipital band black; black
- 2647 ✓ " " " ♀ 172
- 2648 ✓ *Muscisaxicola macularis* ♂ 150
 brown (black), lateral & below flesh (black)
- ** 2649¹ *Muscisaxicola capistrata* (?) ♂ 190
 red + medium brown crown black
 " brown (black) black
- 2650 *Crotophaga melanoptera* (?) ♀ 129
 black black
- 2651 ✓ " " " ♀ 129
- 2652 ✓ " " " ♀ 134
- ** 2653¹ *Oreothraupis* (?) ♀ 125
 sides reddish whitely white; throat with few dark spots,
 bill brown. similar to tristis (less cinnamon)
~~2653~~
- 2654¹ *Oreothraupis oenanthoides polionota* ♀ 156
 same as No. 2643
- 2655 ✓ " " " ♂ 160
- 2656¹ *Muscisaxicola rufiventer occipitalis* ♀ 165
 (red occipital) (black) brown (black) black
- ** 2657¹ *Upucerthia ruficava* ♂ 196
 very slender; skin of body with many large
 black tufts on neck, back black, with numerous light
 markings. chestnut, belly white
 brown (black), tail black, feet black

[43]

- X
- 2658 ✓ *Phaeolodorus striaticaps* ♂ 193
~~Hypothymis~~
 (white breast) brown (black, bluish flesh) nearly black black.
- 2659 ✓ " " ♂ 192
- 2660 ✓ *Upucerthia validirostris* imm ♀ 201
 probably same as 2589
 brown (black) pale brown
- 2661 ✓ " " ♀ 205
 brown (black) \ blackish brown
- 2662 ✓ *Asthenes* ♂ 163
 cinnamon brown (black), dusky flesh at base black black
- *2663 ✓ *Pyrgila frontalis* ♂ 189
 brown (brownish flesh, edges darker) clear brown.
- 2664 ✓ *Pyrgila varicolor* ♀ 155
 brown (black, flesh darker) blackish brown
- 2665 ✓ *Spinus* ♀ 135
 sp. no 2636 brown (black, pale brown brown) blackish
- 2666 ✓ " " " ♀ 130
- 2667 ✓ *Pseudochloris eremopterix concolor* ♀ 144
 same as 2583) brown (blackish, pale brown black) brown
- 2668 ✓ " " " ♂ 148
- **2669 ✓ *Bolborhynchus orbignyi* ♂ 192
 may be *urubambae* (brown) yellow flesh \ dark brown.
- 2670 ✓ " " " ♀ 185
 " pale brown brown, by " present

Panfle de Lourdes, April 22

- ✓ 2671 *Trochocercus melanopterus* ♀ 128
black & black
- ✓ 2672 *Muscicinicola m. macularis* ♂ 154
brown (black) brown & below yellow black
- ✓ 2673 *Aegithalos* ♂ 171
same as no 2675 brown (black), tan & below (brown flesh) black
- ✓ 2674 " " ♂ 162
- ✓ 2675 *Baldriga* *orbignyi* ♂ 190
same as no 2674 brown (brown flesh) black
- ✓ 2676 " " ♂ 181
- ✓ 2677 " " ♀ 184
white flesh tan & yellow speckled black

Altitude of Panfle de Lourdes = 12,371 ft.
Highest altitude reached in collecting = 15,720 ft.

Min. Temp. = 30° 171 K.m. above Lourdes by road

		(Panfle area)
Precipitation	{ skins	= 819 + 99 = 918
	{ species	= 164 + 18 = 182
	{ new species	= 77 + 15 = 92

[44]

Sta. Lucia, Apr. 24/1931

Altitude 13,325 ft. - 238 K.m. from Regalpa.
 Went west over Lourdes river, across lava plain
 and hills, & rock outcrops. Birds fairly abundant
 flushed 3 Tinamou. *Brachypteryx* common here
 but none seen in Parque de Minas. *Pygargus*
plebejus very common.

- 2678 ✓ *Asthenes wyatti grammiceps*, ♀ 180
 brown \ black, blue patch below dark brown
- 2679 ✓ " " " ♂ 192
- 2680 ✓ " " " ♀ 183
- 2681 ✓ " " " ♀ 184
- 2682 ✓ *Asthenes m. modesta* ♂ 162
 brown \ black, pale brown below barely \ black
- *2683 ✓ *Antius (sic) calcaratus* ♂ 155
 brown \ black, pale below \ pale brownish pink
- 2684 ✓ *Nesoenas p. vfa* ♂ 144
 brown \ black \ black
- 2685 ✓ *Muscisaxicola maculirostris*, ♀ 153
 brown \ black, pale below barely \ black
- 2686 ✓ *Muscisaxicola rufivertex occipitalis* ♀ 129
 brown \ black \ black
- 2687 ✓ " " " ♀ 173
- *2688 ✓ *Muscisaxicola alpina grisea* ♂
 n = 130 t = 26 b = 16
 above dark ashy gray, below pale yellowish, chin white, front
 of superciliary & ring below eye white; wing coverts
 & Gular broadly edged with white; tail white, outer
 all tipped with black; below pale ashy white, patches
 on belly & breast; tail & upper lobe black; outer rectrices
 edged white; inner n. white & edges rufous pale buff.

- X
- 2689 ✓ *Moeraxia* (?) " ♂ 188
 Abre. (or white) belly, part of tail, vent & tail black, rest
 and posterior portion of white; broad front, extending later-
 ally over eyes, black; whole palum chestnut rufous.
 wings & breast color of back, all marginally edged
 with grayish white, throat whitish, chest pale grayish
 buff, rest below pale cinnamon buff; wings marginally
 white on inner parts below; vent & chest grayish
 white, w - 124,
 " brown/black/tan.
- 2690 ✓ " " ♀ ♂ 170
- 2691 ✓ " " ♀ ♂ 172
 Throat & chin coppery & below, first dorsal &
 black & dorsal fin blackish brown.
- * 2692 ✓ *Cinatodes fuscus* (?) " ♂ 180
 Brown/black/tan.
- 2693 ✓ " " " ♂ 175
 Head black to well up neck descending in
 bright cinnamon brown above.
- * 2694 *Cinatodes atlanticus* ? " ♀ 223
 Brown/black/tan.
- 2695 ✓ *Leucosticte validirostris pallida* ♂ 197
 Brown/black/tan.
- 2696 ✓ *Phrygilus alaudinus* " ♂ 159
 Brown/orange/yellow flesh
- 2697 ✓ " " " ♀ 157
 " white, brown flesh below mainly yellow flesh
- * 2698 ✓ *Pseudoleistes virescens* ♂ 145
 Brown/brown, head & blue below/pale tan
- * 2699 ✓ *Phrygilus punensis* " ♀ ♂ 174
 Brown/black, pale tan below (mainly) pale tan

* 2700	<i>Turpethum orbignyanus</i>	♀ 208
	brown \ yellowish flesh, tip & ridge black \ yellow	
● 2701	<i>Bolborhynchus orbignyi</i>	♀ 172
	brown \ greenish tan, tip pale yellowish \ blackish	
2702 *	" "	(?) 186
	— yellow flesh \ blackish	
2703 *	" "	♀ 190
2704 ✓	<i>Metriopelia aygnana</i>	♀ 190
	straw \ black \ pink (tail)	
2705 ✓	<i>Colaptes auratus</i>	♂ 356
	greenish straw \ black \ dull pale brown	
2706 ✓	<i>Ptiloscelis resplendens</i>	♂ 334
	" "Caravaan"	
* 2707 ✓	<i>Buteo poecilochrous</i>	♂ 620
" "	brown \ black heavily, black slightly pale yellow	

St. Lucia, April 25, 1931.

I was sent up to the south coast, I hunted over the palmfr. & slopes going, looking especially for *Thraupis*. Got back at 1 P.M. & showed Fletcher & Caraway my birds before lunch. They got back at

2708	<i>Muscicapa cincta</i> (black found)	♀ 180
= No. 2689.	brown \ black \ black	
* 2709	<i>Muscicapa cincta cinerea</i>	♂ 169
	brown \ black \ black	
2710 *	<i>Vireothia serrana</i>	♂ 200
	very slender, long tail (30) dark brown above, fading with pale edges, fulcrum with dark tint during courtship. tail tip broadly edged & tipped with crimson buff, Tail 2 wings bright crimson surface, back with subterminal black area on middle section; wing quills with subterminal black patch and	

- +
- with 4 outer primaries edge of tip & black
throat white, rest buff, bill dusky sheath, rest below
black & buff.
brown/black, flesh below at base black.
- 2711^v *Upucerthia ruficauda* ♂ 168
= 2710.
- 2712^v " " " ♀ 190
- 2713^v *Cinclodes fuscus* ♀ 182
brown/black/black
- 2714^v *Muscicapula alpina* ♀ 166
= Nov. 2688 brown/black/black
- 2715^v " " " ♂ 193
- 2716^v " " " ♂ 160
- 2717^v *Phrygilus punensis* ♀ 170
brown/black, white flesh below/dark brown
- 2718^v *Bucanodon capillus-veneris* ♀ 143
brown/black, white flesh below (dark) brown/brown
- ~~2719^v *Phrygilus aethopygus*~~ ♂ 166
brown/orange/brown flesh
- 2719^v *Muscicapula reticulata* ♂ 168
brown/black/tan
- 2720^v " " " ♂ 190
- 2721^v *Arthis (typ. cahamatus)* ♂ 165
brown/black, flesh below tan/brown flesh
- 2722^v " " " ♂ 160

- X
- 2723 *Muscisaxicola capistrata/borealis* Car. [46]
 (black & white crown) brown & black (black) ♂ 182
- 2724 ✓ " " ♂ 183
- 2725 ✓ *Upucerthia* ♂ 204
 same as no 2710 brown & black, flesh below breast & black
- ** 2726 ✓ *Sicalis flaveola valica* ♂ 140
 breast yellow above, rump & lower parts light yellow
 brown & black, under the belly & dark brown
- 2727 ✓ " " ♂ 145
- 2728 ✓ *Phrygilus alaudinus* ♀ 159
 brown (dark yellow, breast black) & flesh
- 2729 ✓ *Cinclodes fuscus*, ♂ 128
 brown & black
- 2730 ✓ *Pseudochloris virpygialis concolor* ♀ 139
 brown (black, feathers below) brownish flesh.
- 2731 ✓ *Muscisaxicola rotivertex occipitalis* ♂ 167
 brown & black & black
- 2732 ✓ " " " " ♀ 185
- 2733 ✓ *Metriopelia ayresii* ♂ 188
 brown & black & white flesh
- 2734 ✓ " " " " ♂ 128
 brown & black & white flesh
- 2735 ✓ *Ibycter megalopterus* ♀ 555
 Black Crown Hawk
 brown & pale brown blue, like red orange & orange

11 additional species of which 3 are not taken (see)

X

Sorja Licia, April 27

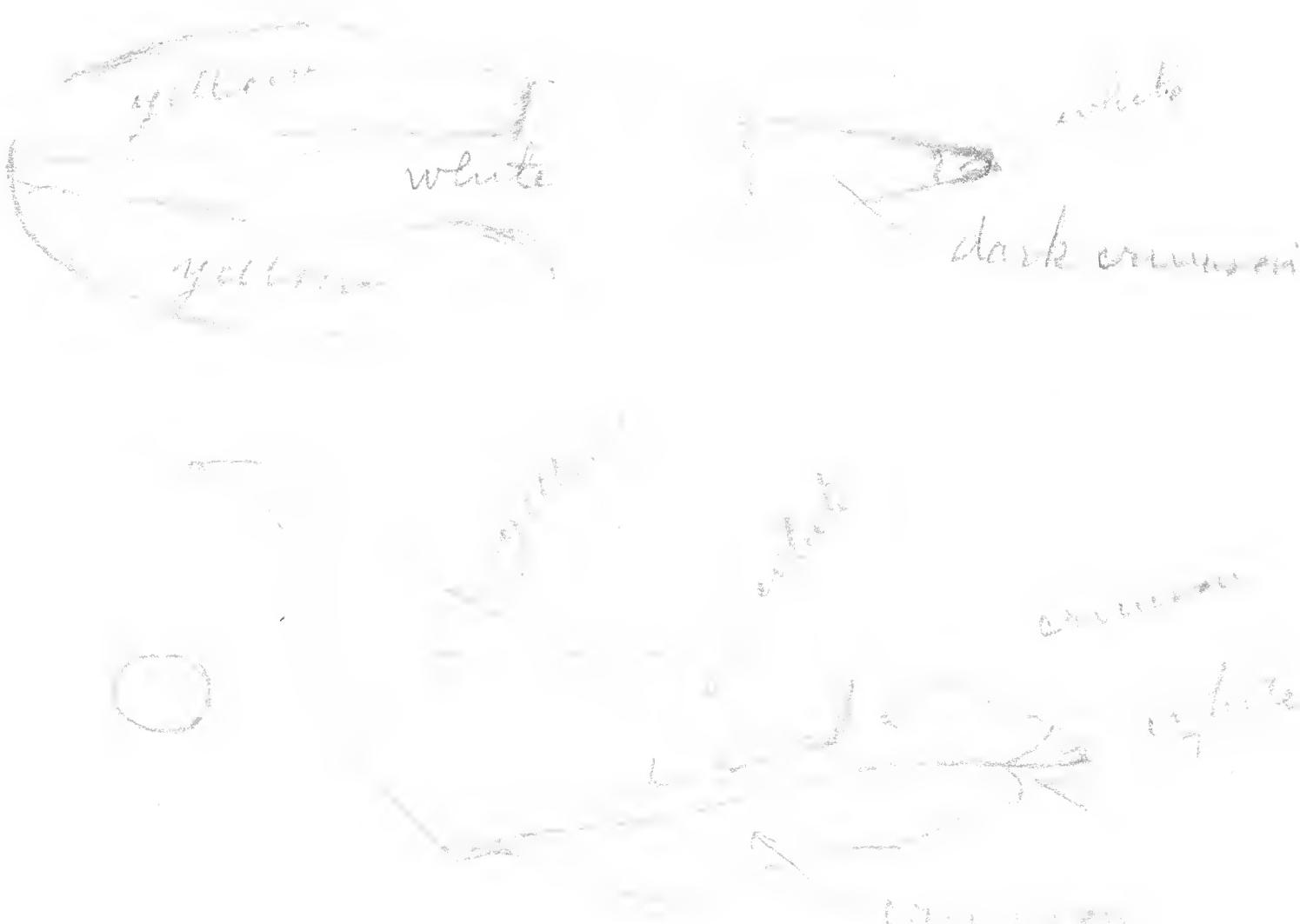
Went to lake at K.M. 2.21 this morning taking canoe, on board deer south of river, shot first 2 birds near village, all the rest in lake, left village at 9:10 AM, reached lake at 11 AM & got back at 6 P.M.

- 2736 ✓ *Spectrotypus conspicularia junoniensis* ♂ 276
 yellow) pale blue) brown, white) blackish
- 2737 ✓ *Cercococcyx sparverius* ♀ 295
 brown) pale brown) white) blackish) yellow)
- 2738 ✓ *Ochthoeca cinnamomea pallinata* ♂ 173
 brown) white) blackish)
- 2739 ✓ *Cincelodes atacamensis* ♀ 224
 brown) black, pinkish below) blackish
- 2740 ✓ *Colymbus caligatus (janiensis)* ♀ 270
 streaked) blackish brown, pale below) leaden drab, white) pale
- 2741 ✓ " " " ♀ 295
 Common black) blackish, mottled with dull yellowish
- 2742 ✓ *Colymbus americanus* ♂ 295
- 2743 ✓ " " " ♂ 270
144
- 2744 ✓ " " " ♂ 300
145
- 2745 ✓ " " " ♀ 280
- **
 2746 ✓ *Larus* ♂ 470
 brown) dark cinnamon, white) underparts blackish) dull reddish
- 2747 ✓ " " " ♀ 454
147
- 2748 ✓ *Fulica ardesiaca (leucocephala)* ♂ 472
 magenta) pale yellow, sulphur green; streaked with cinnamon) yellowish drab, purple cinnamon)

47

red — X
2749 ✓ *Fulica ardesiaca* (chocolate shield) ♂ 462
149 brown pale yellow, subtopical black band blackish base
2750 ✓ " " " chick ♀ 215

* * 2751 ✓ *Fulica gigantea* ♀ 562
150 brown dark crimson, tip white, back half gray,
+ median line of shield white, sides of shield saffron yellow
2752 ✓ " " " ♀ 562
151 legs & feet dark scarlet.
2753 ✓ " " " ♂ 596
152
2754 ✓ " " " ♀ 602
153
2755 ✓ " " " T.E. ♂ 596
154



X
Isla Lusia, Friday, April 29, 1938

I went over to island. The Isla, covering the flats + slopes, had a collection along river. I went up a tributary up to small lake.

- * 2756 ✓ *Petrochelidon rupestris* ♂ 141
Probably same as Lake Guineo Birds.
brown/black/tan
2757 ✓ " " ♀ 141
2758 ✓ " " ♀ 142
2759 ✓ " " ♀ 142
2760 ✓ " " ♂ 146
x 2761 ✓ " " ♂ 142
2762 ✓ " " ♂ 146
This bird has a brown form & was collected on Ceboruco.
2763 ✓ *Antrostomus (lypis) calcaratus* ♂ 165
brown/black, plain white below, pink
2764 ✓ *Muscicapa icola* (?) ♂ 172
(black feet + white crown) brown/black/black
2765 ✓ " " ♂ 176
2766 ✓ *Sicalis flaveola valida* T.M.C. ♂ 145
dark black, pale tan below, black
2767 ✓ *Phlegopsis alaudinus* ♂ 165
brown/orange/pale yellow flesh
2768 ✓ " " ♂ 164
black, dusky flesh below tanish flesh

[48]

- X
- 2769 ✓ *Geositta tenuirostris* ♀ 196
brown (blue) black flanks black tail
- 2770 ✓ " " ♀ 198
- 2771 ✓ " " ♀ 194
- 2772 ✓ *Vpucorthia validirostris pallida* ♂ 211
brown (black) black
- 2773 ✓ *Thriocercus orbignyanus* ♂ 218
brown (yellow) blue + ridge max. (black) yellow
- 2774 ✓ " " ♂ 207
- 2775 ✓ " " ♂ 226
- 2776 ✓ " " ♂ 175
brown (black) patch on side barely dusky yellow (dusky yellow)
- ✓ 2777 *Nesicorixola macroura festiva* ♂ 154
brown (blue) black (blue) yellow (blue)
- 2778 ✓ " " ♂ 153
- 2779 ✓ *Muscicapa striata reflecta* ♂ 180
brown (blue) black
- 2780 ✓ *Cnemarchus erythropygius* ♂ 192
brown (black) black (blue) black (blue)
- 2781 ✓ " " ♂ 200
- 2782 ✓ *Sicalis albiventris virens* ♂ 145 ♂ 143
brown (blue) black (blue)
- ** 2783 *Aegithalos caudatus* ♂ 229
brown (blue) pale blue (blue) black (blue) black (blue)
yellow (blue) white (blue) black (blue) brown
yellow (blue) white (blue) white (blue) sooty

X
2784 Phrynosoma alvarezi
Brown (orange) dorsum

20012

X

[49]

Desaguadero, May 4, 1931

TJ

- 2785 *Nettion oxypteron* ♂ 430
100 mm) yellow, ridge & edges tip black \ pale drab.
- 2786 ✓ " " ♂ 433
101
- 2787 ✓ *Hans* (same as *Sla lucia*) ♀ 432
102 (black head) brown \ dark cinnamon \ dark dull cinnamon
- 2788 ✓ " ♂ 480
103 (white head) - \ blackish cinnamon, paler below (anally) -
- 2789 ✓ *Aulopus* (by *calcaratus*) ♀ 155
(Same as *Sla lucia*) brown \ black, flesh below tip black
feet brownish flesh joints dusky
- 2790 ✓ " " ♂ 159
- 2791 ✓ " " ♂ 163
- 2792 ✓ " " in ♂ 160
- 2793 ✓ *Hessonia rufa* ♂ 140
brown \ black \ black
- 2794 ✓ " " in ♂ 139
- 2795 ✓ *Gymnophia connivens* (Freiberg) (?) ♂ 168
brown \ black, black flesh below (anally) \ black
- 2796 ✓ " " ♀ 163
- 2797 ✓ " " ♀ 164
- 2798 ✓ *Moscisa satyrala* (?) ♂ 178
(black & chestnut crown) brown \ black \ black
- 2799 ✓ " " ♀ 182

**	2200 ✓ <i>Charadrius albicollis</i> (?) (Little Ringed Plover) male black.	X	♀ 182
2201 ✓	" "	" "	♂ 177
2202 ✓	The following observations woman) white wing with 8. band around pinky yellow	" "	♂ 219
2203 ✓	" "	" "	♂ 208
2204 ✓	" "	" "	♂ 220
**	2205 ✓	Cinnamon Throated Plover. Palms grayish brown with dark reddish front & broad suffused with buffy coloration; dark stripe above eye brownish, from eye to ear & behind eye, below eye a little pinkish, with dark reddish mark beneath buffy grayish back & wings heavily speckled with black & sandy buff; sides of throat under wing & upper tail coverts pale cinnamon; 2206 median line of neck gray, but slate gray, tipped with dark reddish & with black subcinnamal base; breast pale cinnamon & buff, with large black spots on lower breast; belly & ventine cinnamon rotule is that cinnamon, skin whitish; ear lobes & wings tip reddish white; no breast bar; bill brownish & straight 27 mm. brown/black legs pink, feet black	♀ 275
•	2206 ✓	" "	♂ 281
2207 ✓	" "	" "	♀ 267
2208 ✓	" "	" "	♀ 279
2209 ✓	" "	" "	♂ 277
2210 ✓	" "	" "	♀ 273
2211 ✓	" "	" "	♂ 272

[50]

Desaguadero, May 5, 1931.

Started at 6:15 & got back at 2:30 p.m.

Walked down River north bank. Best birds seen
included Coatis, small Guanaco, Andean Lapwing
& Grebe. 1 Pelican duck seen, but could not
get it. Ruddy Turnstone seen also, Ibis seen.

* 2812 ✓ *Phalarocryptes melanops schoenobates* ♂ 162
 brown/black, dusky flesh at base below hidden hair

2813 " " " " ♀ 165

* 2814 ✓ *Centropeta micropterus* ♀ 402
 (Ruddy magpie) Crown yellow, wings black & blackish on
104 outside, greenish yellow inside, iris yellow

2815 ✓ " " " " ♀ above blackish below
105 " " " " ♀ 380

2816 ✓ " " " " ♀ 356
106

2817 ✓ " " " " ♂ 380
107

2818 ✓ " " " " ♂ 397
108

2819 ✓ " " " " ♂ 420

2820 Pelican black, with white cross bars; throat buffy
 white, also sides of neck, latter, & some of neck, freckled
 with blackish back grayish brown, with short black
 cross bars & whitish cross markings; wings grayish
 with many brown bars; black & buffy white;
 primaries with white tips on outer webs; secondaries
 & tertials with buffy bands; chest ashy, lower throat
 buff, with black bars low red below deeply ochraceous
 mottled

X

Dzaguadero, May 6, 1931

I was staying in town till the 6 Grebes left for
yesterday, I went up into hills back of town
crossed over & came back around the foot of hills
to river. Collected up to about 1500 ft higher than lake.

- ** 2820 *Nettaprecta* ♂ 260
Small Immature brown/black, dusky flesh below flesh.
- ** 2821 ✓ *Nettaprecta branickii* (Blyth) ♂ 345
(see also, front page) brown/black, dusky flesh below /dusky flesh.
- ** 2822 ✓ *Neptstadtemmata degithaloides* griseescens ♀ 172
brown/black / brown
- 2823 ✓ " " " " (juv?) ♂ 165
- ** 2824 ✓ *Aethomys punensis* (L.) ♂ 184
brown/black, pale hair below breast / brown
- 2825 ✓ " " " " ♂ 192
- 2826 ✓ *Upucerthia validirostris pallida* ♂ 204
brown/black / black
- 2827 ✓ " " " " ♂ 212
- 2828 ✓ *Muscicapula cyanea* ♂ 180
brown/black / black
- 2829 ✓ *Gallinago andina* ♀ 235
brown / dark varnish, black of neck has faint dark
- ** 2830 ✓ *Gymnopelia erythrocephala* ♂ 194
pale blue/black / flesh / skin around eye red rump
- 2831 ✓ " " " " ♀ 187
- 2832 ✓ " " " " about today ♀ 190

X

[51]

Leptilon venereum. (No. 2722) Paler on streaked with dull cinnamon,
pale sandy buff & black; back pale sandy brown,
fairly streaked on anterior portion with buffy & with
white on posterior; fore & superciliae buffy at side,
sides of neck streaked with buffy white & pale cinnamon
brown; wing coverts heavily edged with cinnamon below,
also tertials; greater coverts black with cinnamon rufous band
across basal portion; tips narrowly tipped white; 2 median
rectrices mostly black above, edged on both sides with pale
gray brown; rest of rectrices below, black, broadly tipped
(except first) with dusky buff, pale buff on outer web,
& rufous black; Uralis white, rest below a buffy cinnamon
streaked with white on head.

* 2833 ✓ Metriopelia melanoptera

♀ 216

White shoulder'd brown.

black & white & black & black.

2834 ✓ Phrygilus alaudinus

♂ 167

brown & dusky yellow, wings black & brownish flesh

2835 ✓ " "

♂ 168

— yellow, long ridge black

2836 ✓ Sicalis flaveola validus

♀ 145

brown & dusky brown, ridge blackish & dusky brown

2837 ✓ " " "

♂ 144

X

Tucumán, May 1, 1931.

From camp down along river Tucumán to
mouth of Esteban de la River, took flight
crossed river back. Then I went down river on
this side a short distance, then out to foot
of hill & back to camp.
Same morning shot.

- ** 2838 ✓ ♂ 141
Flycatcher; - Whorl of feathers, neck & upper parts
(except, upper tail coverts black) dusky brownish, ashy buffy
wings blackish, median & greater coverts broadly ~~black~~
with dull chestnut; tertials edged with pale cinnamon
tail black, outer webs with outer web white; chest
unresup. buffy, rest of lower parts ~~white~~.
- 2839 ✓ *Asthenes m. modesta*. ♂ 165
brown \ black, heavier below (as above) \ black
- 2840 ✓ *Muscisaxicola macrourus* ♂ 156
brown \ black, basal $\frac{1}{2}$ below yellowish \ black
- 2841 ✓ *Antrostomus carolinus* ♂ 162
brown \ black, basal $\frac{1}{2}$ below black \ upper part
forehead blackish,
- ** 2842 ✓ ♀ 195
Sandpiper; - Pelage & upper parts with feathers
entirely black, which tipped with pale grayish buff
& buff; upper tail coverts black, outer webs reddish,
tail black, see smaller scutellum & greater coverts, ~~black~~
(central pair grayish) rest of black paler by gray
side of head greenish buff, laced with streaking; breast
grayish buff, front half dull dusky, rest brown
white
brown \ black \ black
- 2843 ✓ " " ♀ 185

2843a *Ammodramus* ~~2838~~ ♂ 163
leucurus \ black \ black

~~2843~~ 2846 *Muscicapa calandra* - rossica var + occipitalis - ~~J. P. B.~~
brown black + black

2844 ✓ *Agriornis minos*
brown \ black \ black

♀ 254

2845 ✓ " " "

♀ 255

* 2846 ✓ *Agelaius tridactylus* ♂ 195
black, with shoulder & under wing coverts
yellow, & black above, streaked with brown,
below grayish, streaked with black, supercilium
whitish, black streak through eye & under wing
pal grayish,
brown \ black \ black

2847 ✓ " " ♂ 184

2848 ✓ " " " ♀ 179

2849 ✓ " " juv. ♂ 185

2850 ✓ " " " ♀ 177

2851 ✓ " " " juv. ♂ 189

2852 ✓ *Colaptes poon* ♀ 337
yellow \ black \ pal bluish brown.

2853 ✓ *Anthus (lypis) calcatus* ♀ 161
brown \ black, flue below \ brownish pink, joint blackish

2854 ✓ " " " ♂ 161

2855 ✓ *Gymnopelia erythrothorax* ♂ 196
pal blue \ black \ flesh \ skin around eye red orange

2856 ✓ " " " ♀ 190

	X	
2857 ✓	<i>Spectyto conicolaria</i>	♂ 275
	yellow & black, with black tail	
2858 ✓	<i>Certhneis sparveries</i>	♀ 268
	brown & black, with black tail } orange	
2859 ✓	<i>Muscicuccula m. maculirostris</i>	♂ 148
	brown & black, face half yellow & black	
2860 ✓		♂ 183
	Brown - greenish in back, black in front	
2861 ✓	<i>Muscicuccula reticervis occipitalis</i>	♂ 186

Dorogomilovo, May 6.

We went out on boat ~~to~~ out into lake, &
very red lake to north. Found small flock
nothing in the water but the 2 species?
Gulls, Coot, a few "Tiches", Night Heron
& Gullion - the flock. Got back at 11:30.

2862 ✓	<i>Tadorna rubrigaster</i>	<i>stictote grandis</i>	♂ 123
	Red琵嘴鸭) brown (black) 鸭嘴		
2863 ✓	"	"	♂ 127
2864 ✓	"	"	♂ 128
2865 ✓	"	"	♂ 128
2866 ✓	"	"	♀ 126
2867 ✓	"	"	♀ 124

~~2868~~

[S3]

2868 ✓ *Phloeocryptes melanops schoenbäenius* ♀ 150
brown (black) pink at law below) leaden

2869 ✓ " " " " ♂ 162

2870 ✓ " " " " ♂ 159

2871 ✓ " " " " ♂ 163

2872 ✓ *Agelaius thilius* ♂ 198
brown (black) black

2873 ✓ " " " " ♀ 194

2874 ✓ " " " " ♀ 180

2875 ✓ *Rallinago andina* ♀ 248
brown (pale brown and tan, tip black), pale yellowish
gray color

2876 ✓ *Plegadis ridgwayi* ♀ 475
109 red (dull) pinkish down, darker apically) black

2877 ✓ *Eristomera ferruginea* in ♂ 415
110 brown (blackish) blackish.

2878 ✓ *Cinclodes fuscus albiventris* ♀ 185
small sp. brown (black) black

2879 ✓ *Phragmites punensis* ♂ 185
grey (black, pink) black below.

2880 ✓ " " " " ♂ 180

2881 *Agriornis m. insolens* ♂ 255
brown (black) black

2882 ✓ *Agelaius thilius* ♂ 206
brown (black) black

X

2883 ✓ *Balbophryncus orbignyi* ♂ 192
brown old brown \ dirty brown

2884 ✓ " " " ♀ 175
— pale bluish brown, yellowish pink below —

2885 ✓ " " " ♀ 184

Desaguadero, May 9, 1931.

gave much around dark to overall & got very little.
Dined around foot of hill along lake shore, then
up over low & down little creek to lake & back
along carretera.

2886 *Heptatheria* — (im?) ♀ 166
same as No 2822 brown black \ black

2887 ✓ " " " ♀ 165

2888 ✓ *Heptatheria aegithaloides griseonotus* ♂ 169
Same as No 2822, but has plumage heavily streaked
with black surface, wings streaked white, & front
surface grayish brown, whole breast & chest as heavily
streaked with white, each feather with dark brown
brown black \ black

2889 ✓ *Ochetorhynchus leuconotus pallidus* ♂ 158
brown black \ black

2890 ✓ " " " " ♀ 157

2891 ✓ *Trochilus maculatus parvus* ♂ 135
brown black, tail & below pinkish brown

2892 ✓ *Nectarinia m. maculifrons* ♀ 156
This bird is almost pure white below, differing
slightly from others in blue reflect.
brown \ black, yellow around edges greenish grey \ black

X

**

2893 ✓ *Spinus* (not on Pennsylvania list) ♂ 133

Pileum & upper parts dull greenish yellow, each feather
marginally blackish; rest yellow, with black shaft
strakes; upper tail coverts black, broadly edged with
pale greenish yellow; tail barably yellow, apically black,
with yellow extending nearly to tip on outer web of
outer rectrices; wings black, median quills coverts
tipped buffy; all wing feathers tipped with white & terminally
broadly edged white on apical portion; primaries & secondaries
marginally edged green on apical portion; a broad yellow
band across base of quills; throat & chest greenish yellow,
rest below yellow; crown with several black streaks
downy blackish, dusky black below (nearly) black

2894 ✓ " " ♀ 126

2895 ✓ " " ♂ 130

2896 ✓ " " ♀ 133

✓
2897 *Sicalis flaveola* ♂ 150
brown & blackish above, pale below; blackish

2898 ✓ *Baeolochloris vropygialis* connections ♂ 135
brown & black, few blue below barably pale brown

2899 ✓ *Stenopsis* ♀ 250

Pileum black, marginally, with some buff spots, laterally
heavily flecked with grayish white; major scutellum
black wings blackish, black, spotted with small circles
of cinnamon buff, & flecks of grayish white; scapulars
brown black; upper tail coverts blackish, with
large patches of finely gray flecks; wing coverts with
big & strong black, thickly spotted with cinnamon buff
but band of cinnamon buff along apical portion of each
primaries, pale on inner web; upper breast black,
dusted with buffy areas; large green patch of
buffy patches on heart & with broad earth brown &
white & buff; flanks & cream buffy below
tail below black with 4 broad bars on outer webs
of buff & with large terminal white patch
on outer web on outer rectrices, & lower patch on
inner web of buff, flushed with cinnamon

- X
- 2900 ✓ *Enchodes fuscus* ♀ 181
brown downy black flesh
- 2901 ✓ *Geositta cyanoleuca fruhstorferi* ♂ 158
brown black, basal of tail white flesh black
- 2902 ✓ " " ♂ 170
- 2903 ✓ " " ♀ 167
- 2904 ✓ *Phrygilus punensis* (tail white) ♂ 153
red brown black, white below (dusty tan)
- 2905 ✓ " " juv ♀ 168
- 2906 ✓ *Aegithalos bilineatus* ♂ 187
brown black black
- 2907 ✓ " " (white tail) ♂ 169
- 2908 ✓ " " ♂ 193
- 2909 ✓ " " ♂ 200
- 2910 ✓ " " ♂ 193
- 2911 ✓ *Gymnophila erythrothorax* ♀ 192
blue, chin and orange black flesh

[55]

X
Draughard, May 10, 1931from 4-5 with rock wall around edge of a hillside
fronting lake, or from the white & black "scrub forest"
of hills.

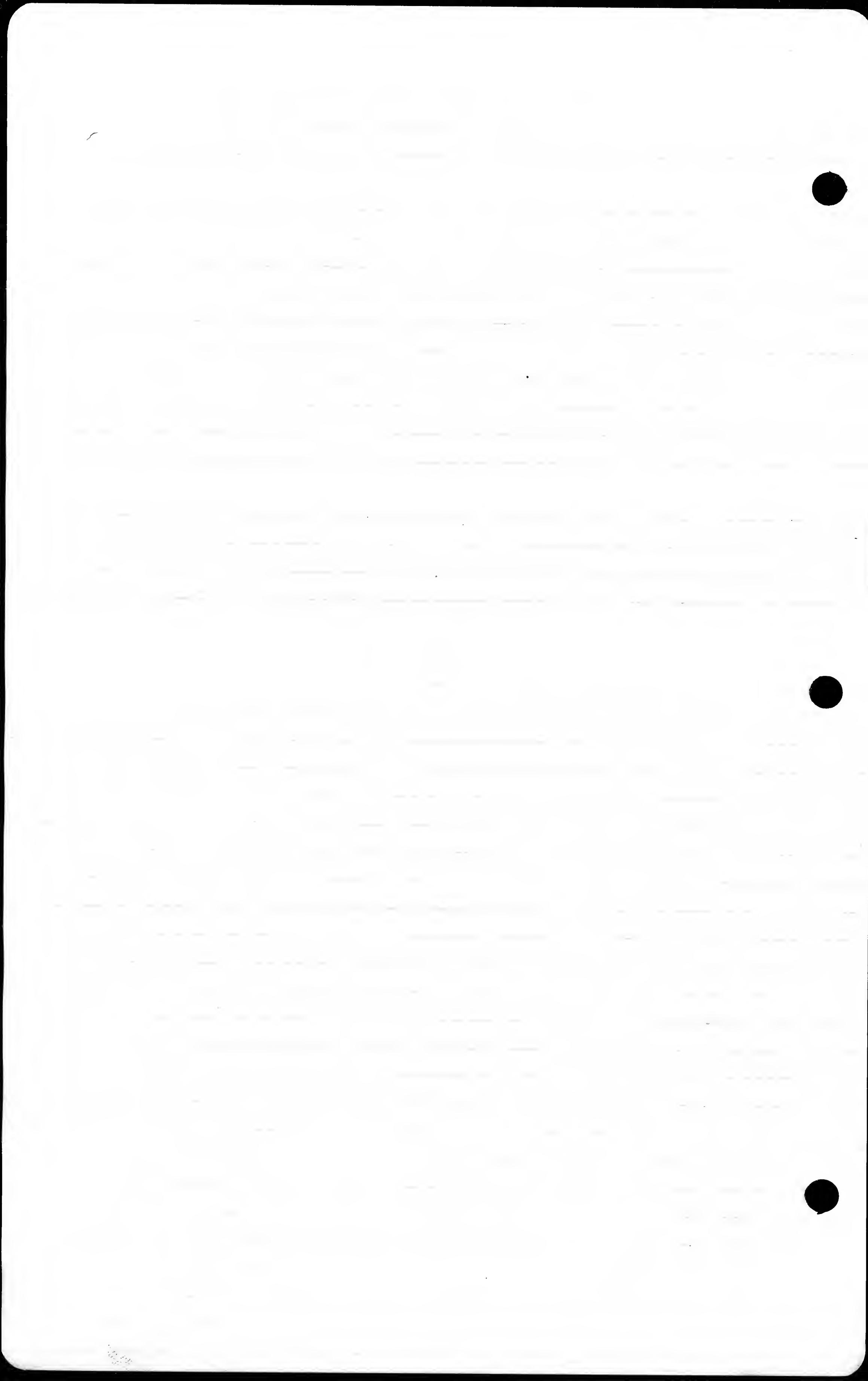
- 2912 ✓ *Notophagata bransfordii* ♂ 335
 brown black, white on belly flanks
- 2913 ✓ " " " ♀ 315
- 2914 ✓ *Turdus chiguanus conradi* ♂. ♀ 276
 brown blackish tan with yellow belly & wing patches
- 2915 ✓ " " " imm. ♀ 277
- 2916 ✓ " " " " juv. ♂ 265
- 2917 ✓ *Agricorningis* (?) " " " ♀ 263
 (Same as No. 2783)
 brown black, pale below (black
~~Physogaster~~ ~~Physocichla~~
 brown black, greyish black below) brown black
- 2918 ✓ *Upucerthia validirostris pallidula* ♀ 212
 brown black black
- 2919 ✓ *Physocichla trivirgata* ♂ 185
 brown (dusky yellow) clear brown brown black
- 2920 ✓ *Aethopyges pusensis* ♂ 192
 brown black pink below (grey) black
- 2921 ✓ *Leptasthenura aegithaloides griseiceps* ♂ 169
 (No. 2822) brown black brown
- 2922 ✓ " " " " ♀ 160
- 2923 ✓ " " " " " ♀ 158
- 2924 ✓ " " " " " ♂ 170

X

- 2925 ^vTrochocercus maculatus puniceus ♀ 136
brown black, blue below, black and dusky brown
- 2926 ^v " " " " ♂ 141
- 2927 ^vSpinus tristis ♂ 132
brown blackish apical part brown locally, black
- 2928 ^v " " " " ♂ 133

Eggs. Peru - 1931

- 1 P. *Brachyspiza capensis* — La Punta d' Bondon
12 April 7. Nest in crevice under bank of
River. fresh & fleshed.
- 2 P. Large Grebe — Desaguadero, May 8. fresh.
1 Nest out in lake in clump of fallen reeds.
one egg only, laid on flattened out reeds.
- 3 P. *Metriopelia aygvare*, Desaguadero, May 9. fresh.
2 bird fleshed. Nest of dried grass, shallow, on
ground up in little hollow between a rock & tuft of
grass. A few feathers in lining.
- 4 P. *Phrygilus plebejus*, Desaguadero, May 9.
2 fresh. bird fleshed. Nest preserved.



[57]

Asillo, May 14

Can read between Tambo Tucapata & Asillo.

X

- 2929 *Theristicus melanopsis*. (♀) 660
143 This
- 2930 ✓ " " " (♂) 655
146
- 2931 ✓ *Agriornis montanus* ♂ 265
brown (black) black
- Arizona (15,500 ft) May 16.
- 2932 ✓ *Muscicapa collaris* ♂ 225
flaviventer (brown) black
- 2933 ✓ " *albifrons* ♀ 215
- * 2934 ✓ *Chalcostigma olivaceum* (?) ♂ 151
Hummer black (black)
Dark grayish green above, tail dull dusky green; below
~~dark~~ dark gray, slightly marked with green; middle of
throat glittering green, extending below in front of glitters
copper; sides of throat patch black.
- * 2935 ✓ *Asthenes* (can't identify) ♂ 165
sandy brown above, front with fine dusky streaks +
entire chin slightly streaked dusky; sides of throat
dusky + sides breast whitish, thickly streaked with dusky
streaks of blackish, rest below buffy white; white
supercilium; nine very faint cinnamon + broad across
base of primaries; tail grayish below, with short cinnamon
along vanes.
brown (black) black
- 2936 ✓ *Phainopepla plebeja* ♀ 183
brown black, throat pale brown black
- 2937 ✓ *Cinclodes fiscus* (small.) ♂ 182
brown (black) black

		X	
2938 ✓	<i>Moscisaxicola cinereus</i> brown) black) black		♂ 178
2939 ✓	" <i>alpicola griseus</i> brown) black) black		♂ 200
2940 ✓	<i>Phrygilus uricolarus</i> ♀ brown) black) dark brown		♂ 156
2941 ✓	" "		♀(?) 157
* 2942 ✓	<i>Divea speculifera</i> (iridescent) hazel) black) black		♂ 196
2943 ✓	" "		♂ 188
2944 ✓	<i>Moscisaxicola albilores</i> brown) black) black		♂ 230
2945 ✓	" "		♂ 235
2946 ✓	" "		♀ 230
2947 ✓	" "		♂ 237

Huancaresini, May 17.

Both of us huddled from it so much to wear
out last 1400 ft.

- ** 2948 ✓ *Oreotrochilus estella* ♂ 140
 Humeo: Grayish brown above, streaked with
 bronzy greenish; central rectrices dark green all except
 outer feathers white, outer pair white broadly, blackish apically.
 Throat glimmering green, forehead blue by indigo blue
 collar, breast below white, with chevron stripes down
 sides of breast reddish; sides crown rusty gray.
 black) black

X

[58]

2949 *Oreotrochilus estella*

Number same as No 2947.

♂ 142

2950 ✓ "

♂ 137

2951 ✓ "

♂ 136

2952 ✓ "

♂ 137

2953 ✓ "

♂ 135

2954 ✓ "

♂ 141

2955 ✓ "

♂ 140

2956 ✓ "

♂ 140

2957 ✓ "

♀ 135

♀ same as 2 above, below throat white with central
 dark spot blackened; rest below buffy brown, crosswise
 grey; neck and breast (except white) purplish green, blackened
 downy white, medianly blackened
 black (black).

2958 *Chalcostigma olivaceum*

♂ 150

Homo = No 2934 black/black

2959 ✓ "

♀ 142

♀ same as ♂ except on bright sides of throat, greenish
 black, blackened edges with grayed white

2960 ✓ *Colibri isotatus*

♂ 153

black/black

2961 *Asthenes* (can't identify)

♂ 175

front black, pale or rest of upper part heavily
 blackened with black & buffy; lower part buffy
 whitening, sides & flanks streaked with dark; tail
 blackish brown, with black rump & 2 longitudinal black

X
2961 ✓ *Arremon virenticeps* male dark.
brown body, black flight feathers & tail.

2962 ✓ *Asthenes* ♂ 190
Savannah 2935 Brown (black) blackish

2963 ✓ " " ♂ 190

* 2964 ✓ *Cinclus nigrofumosus* ♂ ~ 32
brown (black) black
Above dark olive brown; wings black, coverts edged with buffy brown, & with deep buff band across
back (very); tail dark, lateral edge covered apically
buffy yellowish surface brown; wing buffy white, feathers
dark with dark olive, rest black, dark brown, breast
brown with buffy spots

* 2965 ✓ *Xenospingus concolor* (?) ♂ 1918
~~black~~ dark, jet brown below blackish brown
dark slate grey above, grey, blue, edged
with slate grey, below white under throat
grey green, throat pale & greenish darker,
& feathers along wing lighter

2966 ✓ " " ♀ 187

2967 ✓ *Muscicapa alpicola grisea* ♂ 197
brown (black) black

2968 ✓ " " ♀ 192

2969 ✓ " " " " ♂ 195

2970 ✓ *Dica speculifera* ♂ 194
white throat & breast (black) black

2971 ✓ " " " " ♀ 190

Huancaya, May 18

Shot on road down to Lumbain, first 4 or 5 miles down.

- 2972 ✓ *Dica speculifera* ♂ 189
 (white throat) hazel (black) black.
- 2973 ✓ *Xenospingus concolor* (?) ♀ 191
 = No. 2965 hazel (black) brown below (pale brown)
- 2974 ✓ " " ♂ 189
- 2975 ✓ " " ♂ 188
- 2976 ✓ *Muscisaxicola alpina grisea* ♂ 190
 brown (black) black
- 2977 ✓ *Asthenes* ♂ 167
 = No. 2962 brown black, black (dark below) dark above
- 2978 *Muscisaxicola m. maculirostris* ♂ 156
 brown black, yellow below (brown) black

Lumbain, May 18

Shot on road above Lumbain for 4 to 5 miles, mostly within 3 miles.

- ** 2979 ✓ *Chalcostigma stanleyi versicoloris* ♂ 126
 black (black)

- 2980 ✓ " " " " ♀ 127

- 2981 ✓ " " " " ♂ 125

- ** 2982 ✓ *Pterophanes cyanopterus* ♂ 184
 Hummer, entirely shining dark green green, with
 bright blue wings.
 black (pink)

- †
- * 2973 ✓ *Spirithorus teflaxirostris* ♀ 114
 Dark olive green above, throat and lower breast white, rest below yellowish, chest & sides heavily streaked with black.
 ** Shaw brown) black) black
- * 2974 ✓ *Coccyzus chloropygus* (?) ♂ 124
 Body gray above, paler on slate; white supercilium;
 throat & breast cinnamonaceous, also under, belly buffy
 white; cinnamon above buff.
- * 2975 ✓ *Scytalopus acutirostris* (?) ♂ 119
 White head & body slate gray; flanks greenish
 cinnamon cinnamonaceous, barred black; venticals &
 inner scapulars brown apically
- * 2976 ✓ *Idiospiza l. inornata* T.E. ♂ 138
 brown) black) cinnamonaceous.
 brown) black) brown) cinnamonaceous
- 2977 ✓ " " " ♂ 138
 —) — pale cinnamon
- 2978 ✓ " " " " ♀ 143
 —) — black) black) dark cinnamon
- 2979 ✓ " " " " " " ♀ 137
 —) — black) black) black) cinnamon) flesh
- Huancarani, May 17.
- * 2980 ✓ *Thectocercus melanops* ♀ 660
 Abn. = No red) black, dark cinnamon below (minutely)
 pink) pink.

X

[60]

Lindaua, May 19.

Man went up river from village & I worked first up
slope then down valley for a mile or so

2991 ✓ *Spizitornis flavirostris* ♀ 116
= No. 2923 brown black black

2992 ✓ " " " ♀ 113

2993 ✓ " " " ♀ 112

2994 ✓ " " " ♂ 114

** 2995 ✓ *Mecocerculus leucophrys* ♂ 145
Dark grayish blue above, below darker; wings & tail black,
double wing bar of buffy white, tertials heavily edged
same; primaries edged buffy green; superciliaries black
white, rest velvety yellow. Chest greenish yellow
brown black black black

2996 ✓ *Scytalopus acutirostris* (?) ♂ 123
= 2985. brown black chlorophyl brown, dark along back

2997 ✓ *Coereba chloropygia* ♀ 117
= 2984 brown black black black

2998 ✓ *Pterophases cyanopterus* imm. ♂ 181
Brown uniformly green, bold rufous
superb neck & median; green breast above & below
ridge green. Bill with sharp edge above & below to
black darkly plum. slightly inflated

2999 ✓ *Ochthoeca r. rufigularis* ♀ 136
White superciliaries, bluish throat & chest; rest below white
outer web toes with pink web articles; upper parts &
wings plain black.
brown black black

3000 ✓ " " " ♂ 137

** 3001 ✓ *Elania flavogaster* ♂
brown black darkly pink on lower back black

- +
- 3002 ✓ *Patagona gigas gigas* ♂ 211
black black
- 3003 ✓ *Idispiza i. inornata* juv ♂ 145
brown black, yellow (dull) below (dark brown)
- * 3004 ✓ *Grallaria peruviana* ♀ 170
brown black, streaked with cinnamon & buff
below buff; white around eye; upper parts dark
brown brown; below heavily streaked with black
& white, buff mostly on throat & middle of chest
brown black, dark brown below (dark)
- * 3005 ✓ *Spirurus p. peruvanus* ♂ 112
whole head & throat black, back greenish yellow,
rest black cinnamon feathers, rump & upper tail
coverts yellow; wings & tail black; lower & median
coverts black, edge above yellow quills black, broadly
 tipped yellow; breast yellow bandaceous zone
of quills, below bright saffron yellow
brown black, pale brown below black.
- 3006 ✓ " " ♀ 115
♀ no black on head, dull yellow below, saffron
feathers deeply greenish yellow, underparts streaked
with dull, harsh dull yellowish.
- * 3007 ✓ *Diglossa brunneiventris* juv ♂ 140
dark brown above, streaked with black;
wing & tail black, double band cinnamon
below body cinnamon, chest streaked black
brown black, black below totally dark brown
- 3008 ✓ " " juv (?) 135
- 3009 ✓ *Diglossa leucogenys* ♂ 143
brown black, dark brown below (dull) black
- 3010 ✓ " " ♂ 142
- 3011 ✓ *Saltator* ♂ 232
= *Aegithina* bird
brown, red orange & white face

X

[61]

♂ 178

3012 ✓ *Circus fuscus* (swall)
brown | black | black

3013 ✓ *Phygilus pusensis* ♂ 179
gray | black, bluish flesh below | dark line

* 3014 ✓ *Circus leucognathus* ♀ 160
brown | black | leaden blue, black behind.

** 3015 ✓ *Poecilotriccus leucotis* ♂ 181
brown | black | black

3016 ✓ " " " ♀ 185

3017 ✓ *Turdus chiguanco conradi* ♂ 285
brown | yellow | yellow

3018 ✓ " " " ♀ 270
brown | yellow, whitish tarsal | dull yellow

3019 ✓ *Merganetta leucogena* ♂ 440
brown | vermillion, ridge black | dusky salmon

Lumbani, May 20, 1931.

You went down below & got only 5 birds nothing good except one Merganetta.

I went up valley & got 20, back at 11³⁰.

3020 ✓ *Spizotornis flavigaster* T.E. ♂ 121
(-2983) straw | black | black

3021 ✓ " " " ♀ 115

3022 ✓ *Metallura smaragdina* ♂ 45
green above; glittering green Vireo spot ending in point below; chest buffy, with golden bronze spec; breast & sides whitish, with rusty greenish spots; crimson buff, with ~~darkish~~ greenish purple center to feathers, (mostly concealed) tail violet purple black | black

- +
- 3023 ✓ *Chalcitigma stanleyi versicoloris* ♀ 117
Hume 2979 black \ black
- 3024 ✓ *Cathartes iolatus* ♀ 135
black \ black
- 3025 ✓ *Pterophasis cyanoptera* (blue wings) ♂ 124
Hume n. 2982 black \ black
- 3026 ✓ " " " ♂ 128
- 3027 ✓ " " " ♀ 180
♀ black \ dusky flesh.
Dark shining green above, paler dark brown
below cinnamon, sides of head shining green
when strong contrast bluish green, with small black
spots. Dots of tail blackish below, pale upper
of outer rectrices with apical 1/3 grayish white, edges
with black.
- 3028 ✓ *Gallinula chloropus* (?) ♂ —
Hume 2979 brown \ black \ black.
- 3029 ✓ *Trochocercus niger* (poor) ♀ 130
brown \ black, black below \ pale brown
- 3030 ✓ *Gallinula chloropus* (?) ♂ 165
= 2929 brown \ black \ black
- 3031 ✓ *Coereba chlorophrys* (?) ♂ 119
= Hume 2934 brown \ black \ black
- 3032 ✓ " " " ♂ 121
- 3033 ✓ " " " ♂ 126
- 3034 ✓ " " " ad. ♂ 123
- 3035 ✓ *Spoonbill pectoralis* ♀ 125
No blue brown \ black, pale brown at base of neck
Adult male with a small area black on head,
rest of body black or just dusky greenish yellowish

- ✓ 3036 *Idiospiza inornata* ♀ 143
- No. 2986 brown (brownish flesh) each brown tan.

✓ 3037 *Cinclus leucorhous* ♀ 165
brown (flesh) leaden blue, black on sides.

✓ 3038 *Grallaria punensis* ♀ 172
No. 3004 brown (black), brown below, mainly black
| leaden blue.

✓ 3039 " " " ♂ 165

✓ 3040 *Phyllodreca pectoralis* ♂ 128
gray (white) black flesh brown | dark tan

✓ 3041 " " " ♀ 175

✓ 3042 *Phygialia unicolor* ♀ 155
brown (black), pale below | dark tan

✓ 3043 *Heliocharis rubricristata* ♂ 231
red | white flesh largely, black at center | black

Lindau, May 21.
Drove out alone, up the valley, June, halting
& stopping often. Roads at 11¹⁵, out at 7¹⁵.

✓ 3044 *Correba* — ♂ 124
(= 2984) brown (black) flesh

✓ 3045 " " " ♂ 126

✓ 3046 *Diglossa brunneiventris* ♀ 141
brown (black), leaden blue below | dark tan

✓ 3047 " " " ♂ 140
— (—, pink below largely) — — — ♀ 140

✓ 3048 *Pterophanes cyanopterus* ♂ 181
(Honey-blue wings) black flesh

✓ 3049 " " " ♀ 175

X

- 3050 ✓ " ♀ 142
 - smaller, probably same as *Oligocottus*.
 Dark red-blue above; wings & tail sooty; below
 sooty gray; caudine sooty black; ventral tipped with
red blue. Tail deeply forked.
 brown (black) dusky flesh.
- 3051 ✓ " " ♀ 147
- 3052 ✓ *Troglodytes macularis poma* ♀ 128
 brown (black) flesh below, scarcely dusky brown
- *3053 ✓ *Ochthoeca fumicolor berlepschi* ♂ 171
 Below & head with back brown, back nape &
 wings & tail black; double white bars on whitish
superciliosus buffy white; throat & fore neck grayish
 cinnamon, rest below bright cinnamon suffused
 cinnamon buff.
 brown (black) black.
- 3054 ✓ *Asthenes punensis* ♂ 192
 brown (black) dusky flesh below, rest white (dusky brown)
- 3055 ✓ *Sattleria aurantiviridis* ♂ 230
 brown (orange) dark brown
- 3056 ✓ *Spinus psaltria* ♂ 116
 (= 3008) brown (black) dark brown below, black
- 3057 ✓ " " ♂ 119
- 3058 ✓ *Rigellina punensis* ♀ 172
 brown (black) dusky flesh below (brown)
- 3059 ✓ " " ♂ 168
 - (dark brown below)
- 3060 ✓ " " ♀ 170
- 3061 ✓ *Phrygilus undulatus* ♂ 156
 brown (black) blackish brown
- 3062 ✓ *Turdus migratorius giganteus* ♀ 330
 brown (orange) yellow

(Oconee) X

[63]

Lumbard, May 22, 1931.

3063 ✓ *Ochthebea rufifpectoralis* ♀ 137
brown (black) back.

3064 ✓ " " ♂ 142

Oconee, May 22

all these bats but last three were shot on
the road between Lumbard & the lake above
Oconee (William 2102 & 2103 mentioned) in fact.

* 3065 ✓ *Eptesicus spilotus* ♂ 161
brown (black) brown (black) belly yellow

3066 ✓ " " ♀ 155

3067 ✓ *Ochthoeca thoracica* ♀ 140
brown (black) black.

3068 ✓ *Pygochelidon cyanoptera* (P) 129
brown (black) dark brown

** 3069 ✓ *Knipolegus aterninus anthracinus* ♀ 168
Elongated body grayish brown above, wings blackish,
with double buffy white cross band slightly rising
apically in secondaries & tertials on median tertials
brown & ashy gray below. Base of tail (except
middle few feathers) chestnut rufous, tip of
9 outermost of rectrices (except outer pair) black,
body lighter buffy ochreous; cinnamonaceous
brown, short pale hair at base of ventrals

** 3070 ✓ *Atlapetes melanotos* ♂ 149
Brownish gray chestnut rufous, rest of body white
(except median line of throat yellow) back, wings
& tail black; below yellow, underparts cinnamonaceous
brown (black) brown below

3071 ✓ *Batrachomoea polioptera* ♂ 205
brown (black) dark brown

- X
- ** 3072 ✓ *Iridornis jelskii* ♂ 157
 Forehead & crown black, sides & hind
 neck feather black basally, tipped with pale yellow
 sides of neck golden yellow; back, scapulars & lower
 wing-coverts light blue; wings & tail mostly
 greenish blue; primaries & tail black, edged blue; lower
 parts with characteristic
 brown (black), blue blue below (blue) black
 below
- 3073 ✓ *Pitta erithraea pfeifferi* ♂ 220
 red | crimson | scarlet.
- * 3074 ✓ *Bothriopus ceculata saturata* ♂ 246
 Head & breast black; hind neck, back, wings & vent
 rump etc. showing silvery blue; wings & tail
 black; tail & feathers slight blue; below rusty
 yellow; flanks partly blue; feet blue; thighs
 black; pale scarlet \ black \ black
- 3075 ✓ *Mycobius strigatus* ♂ 241
 brown (black)
- * 3076 ✓ *Xanthura viridicyanea* ♀ 315
 Front & sides of head black, front of abdomen &
 upper surface white, rest cinnamon, including all wings
 & tail light smoky blue; throat dark blue, with a
 narrow stripe of fulvous cinnamon below. Blue
 brown (black) beneath
- 3077 ✓ " " ♀ 320
- 3078 ✓ *Knipolegus aterninus anthracinus* ♂ 180
 Black Throated: entirely black, except for broad white
 bar above inner web of primaries & tail
 brown (leaden blue) broadly, black (light) streaks
- 3079 ✓ *Turdus gigas gigantulus* ♂ 310
 ♂ Black & gray. Brown (eyelid bright yellow)
 Bill red orange \ feet orange.
- 3080 ✓ *Turdus chrysolaus conradi* juv (?) ♂ 285
 ♀ sides of breast gray, slightly olive around above
 & on chest, pale on belly,
 hazel \ dull yellow (tail dull yellow)

Oconee, May 23.

I shot in ravine near base of tree went down
road a mile or two.

**

3081 ✓ *Dendrophis polylepis rectirostris* ♀ 105

Human; Paler, lower wing cover & upper tail and
coppery green, back green green; tail stone, bronze green
with broad steel blue tips; below shining green, feathers
slightly edged with grayish, belly buffy, cream green
spotted with cinnamon, tail below steel blue

→ tail tips black flesh bell = 20 mm.

* 3081a (see no 3250) ♂ 108

Human (Hamatibia) green above with chestnut patches,
glistening green throat pink, buffy fore and sacrum &
grayish wings aside, wings & tail dark purple, tail green base
alone black flesh

* 3082 ✓ *Psalidoprymnus* ... ♀ 109

& bright shiny green above, crown slightly glittering;
throat whitish with dark dots; red below cinnamon
tail purple blue below, outer rectrices tipped white
black & black

3083 ✓ *Neocippus leucogaster* ♂ 111

Human; shiny green above, white below
black; flesh below & black

3084 ✓ *Spizitornis* T.N.E. ♂ 115
same as last but,

brown black & black

3085 ✓ *Dendrophis thoracicus* ♂ 140

3086 ✓ " " " ♂ 145

**

3087 ✓ *Thyphlops* (?) ♂ 131

Front & middle of head orange yellow, above olive
green, wings & tail edge same; below bright
sulphur yellow

brown black, darker blue below center

- *
- * 3088 *Wachmas nematura obscurata* ♀ 158
 Upper parts mottled brown, brighter on lower back
 & more olive on rump; below grayish olive brown
 below, with large white spots on breast &
 breast & lower middle of abdomen; tail blackish,
 olive wings, with white edges brown.
 L. and black, flesh below mostly blackish
- 3089 ✓ " " " ♂ 166
- * 3090 *Knipolegus aterrimus anthracinus* juv ♂ 158
 Flycatcher brownish above & tail heavily,
 brown (black) black
- * 3091 ✓ *Thamnophilus* *leucophaeus* ♂ 167
 Pelican & occipital chestnut, sides of head & upper parts
 slate gray, interscapular with slight olive wash
 tail black, wings sooty, edges dusky brown; lower
 parts brained black & white, black bars less distinct
 on throat; abdomen with a series of 3 white spots on
 edge of inner web, & a fifth tip,
 pale hazel (black) leaden blue
- 3092 ✓ *Atlapetes melanopterus* ♀ 173
 (= 3070)
- 3093 ✓ *Crochets leucostomus* ♀ 162
 brown (black) leaden blue, sides black
- * 3094 ✓ *Knipolegus aterrimus anthracinus* ♂ 177
 Black Flycatcher
 breast varnish black with tip black (black)
- * 3095 ✓ *Diglossa sikkimensis saturata* ♀ 128
 ♀ blue green above, pale grayish yellow below
 brown (black) pink below (darkly) brown below
- 3096 ✓ " " " ♀ 129
- 3097 ✓ *Bathmocercus cinnatata saturata* ♂ 237
 purplish scarlet (brown) black

[65]

♀ 349

* 3098 ✓ *Ostiones*(Same as *Huecapitana*)

brown (pale green) black.

* 3099 ✓ *Astrocarynthes caeruleiceps* ♀ 412(Huecapitana - blue pectoral collar + white throat
checkered rump patch + tips to middle pair of rectrices
brown) leaden blue, top pale, silver feathersOconeechee, May 24, 1931

Both ♀s went up the road today.

3100 ✓ *Metallura strigula* (L.) ♂ 95
(= 3022) black) black** 3101 ✓ *Myiophobus ochraceiventris* (?) ♂ 120
brownish olive above, pale sandy olive; tail mostly
broadly edged brownish olive, wings black, lower coat
color of back, specimens of older birds tipped buffy
yellow; secondary edges same apically, & tertials with
broad edges of same brownish tip; axilla a wing
coverts sulphur, remainder edged with buff yellow
on inner web; below bright sulphur yellow
brown) black; yellow below) leaden

3102 ✓ " " " ♂ 115

3103 ✓ *Myiotheretes macularius* ♂ 150
brown) black) black** 3104 ✓ *Trochilus s. striatus* frater ♀ 127
(White supercilium)
brown) blackish, flesh above blackish pale down** 3105 ✓ *Monarcha s. striaticollis*. ♀ 138
brown) black, brown at base (below) leaden) black

3106 ✓ " " " ♂ 145

3107 ✓ " " " ♀ 139

3108 ✓ *Oreothraupis taczanowskii* ♂ 143
brown black, black below

3109 ✓ " " " " ♂ 146

3110 ✓ *Thlypopsis* (?) ♂ 140
(= no 308) tail with *Pileum* dark except at ends of
feathers which are brownish white &
brown, black below, leaden blue

3111 ✓ " " " " imm (?) 140

3112 ✓ " " " " imm (?) 135

3113 ✓ " " " " ♀ 136

3114 ✓ " " " " ♀ 132

3115 ✓ *Knipolegus aterrimus anthracinus* ♂ 124
black Elycophila brown, bluish white, tip black streak

** 3116 ✓ *Chlorospingus flavifrons parvirostris* ♂
gray, black, brown below, leaden blue

** 3117 ✓ *Chlorospingus flavigularis* (?) ♂ 149
above gray, above; head greenish black, throat buffy
white, with dark patchings, breast band of
olive yellow across chest, wings and nob grayish
white, sides of flanks olive, specimen olive yellow
straw, black, leaden blue

** 3118 ✓ *Hypoxanthus atroceps* ♀ 255
brown, black, leaden blue,
head black, wings black, very
little red on wings, mostly olive, green red
on breast.

3119 ✓ *Sporophila cyanocephala* ♀ 205
brown, black, leaden blue below, white

X

[66]

3120 ✓ *Diglossa personata*
red) black } blackish

♂ 163

3121 ✓ *Psittospiza riefferi*
hazel) brown } scaly

♂ 221

3122 ✓ " "

♂ 215

3123 ✓ " "

♀ 217

3124 ✓ " "

♂ 218

Oconee, May 25.

I stayed in today on account of a bad toe, & made scabbard for Janis machete & loaded cartridges. Mean got all the birds, down the road.

** 3125 ✓ *Helianthea inca* ♀ 145
♀ throat & chest cinnamon, tail white,
black & flesh

3126 ✓ " " ♀ 143

3127 ✓ *Helianthea oculans* ♂ 152
black) dusky flesh
cinnamon belly & tail & blue gular spot.

** 3128 ✓ *Synallaxis a. azarae* (?) ♀ 172
hazel) black, leaden blue below \ leaden blue

* 3129 ✓ *Hemicathia leucophrys* ♀ 115
brown) black, pale spot at toe below (dark brown)

** 3130 ✓ *Hemispingus castaneicollis* ♂ 154
sides of head black, breast chestnut, rest below
cinnamon brown) black) pale bluish brown

- +
- 3131 ✓ *Chlorospingus flavigularis* ♀ 149
gray) black pale cinnamon
- 3132 ✓ *Elminia flavogaster* ♀ 157
brown) black, flesh at base brownish black
- 3133 ✓ *Knipolegus aterrimus anthracinus* ♀ 164
Elytrich - Rufous wings tail mostly
brown) black) black
- 3134 ✓ *Bathmocercus coccineo-saturatus* ♀ 238
Scarlet) black) black
- ** 3135 ✓ *Archiplaneta chrysomela* ♀ 218
black, with yellow mark only.
white) pale yellow) peacock blue black
- 3136 ✓ " " ♂ 311

- 3137 ✓ *Aethopyga corythaix* ♂ 424
red) leaden blue (paler) leaden blue
- 3138 ✓ *Hypothymis atriceps* ♀ 262
brown) black) leaden blue
- Dec 1931, May 26/31
- Jung and Tigris valley were fully flooded, while
Bukit entirely in water above house Jan 16,
Mar 21.
- 3139 ✓ *Metallura smaragdinae* ♂ 98
No 3032 black) black
- 3140 ✓ *heuglini* ~~leucogastra~~ ♂ 112
Black breasted Nunnerie black
black) flesh brown) black
- * 3141 ✓ *Heliodoxa amethystina* (blue phase) ♂ 120
blue along forehead, chest buff cinnamon
black) black
- 3142 ✓ *Heliodoxa leucoptera* ♂ 146
black) pink

67

X

- ** 3143 ✓ *Ochthoeca albidiadema polekalla* ♀ 126
 Paler rusty brown, back & rump ferruginous brown,
 wings & tail black; lesser wing coverts brown, median
 coverts slightly tipped dark cinnamon, outer median & tertials
 tipped bright cinnamon, inner median & tertials
 edged cinnamon; yellow base & supercilium
 paler & streaked; below rusty gray, belly whitish &
 flanks cinnamon brown
 brown (black) black.
- 3144 ✓ " " " ♀ 122
- ** 3145 ✓ *Coracina atralganum* (?) ♀ 122
 Paler brown blue, middle rusty blue, middle olive
 green; tail & wings rusty, tipped olive green; sides of
 head & throat & chest rusty gray, rest below yellowish
 brown brown (black) leaden blue
- ~ 3146 ✓ *Hemixoschina leucophrys* ♂ 120
 brown (black) black
- 3147 ✓ " " ♂ 120
- 3148 ✓ *Basilornis signatus* ♂ 151
 brown brown (black) cinnamon yellow
- ** 3149 ✓ *Myiadestes* (?) ♂ 187
 Upper parts pale brown, brown on rump, front
 & sides of neck, throat & lower part of body gray,
 belly whitish, wings cinnamon with black edges,
 brown (black) blackish
- 3150 ✓ *Mionectes striaticollis* ♂ 152
 brown (black) dusky black brown (black) leaden blue
- 3151 ✓ " " ♀ 141
- 3152 ✓ *Syrrhula fascia avara* ♂ 183
 hazel (black) olive
- ** 3153 ✓ *Cinnyris ornatus olivaceus* (?) ♂ 145
 red brown (black) blackish, leaden blue (dark brown
 (seen different from *Himatione lutea* birds)

- +
- 3154 ✓ *Thamnophilus cuficapillus*, marcapioni ♂ 160
+ 3091 red boyd) head & breast blue
- 3155 ✓ *Knipolegus aterrimus anthracinus* ♂ 168
blackish brown & tail greyish
brown black, white streaks below black
- 3156 ✓ " " " " ♀ 165
- 3157 ✓ " " " " ♀ 163
- 3158 ✓ " " " " ♂ 170
- 3159 ✓ " " " " ♀ 165
- 3160 ✓ *Tilippes pectoralis* ♂ 137
upper head, neck & below
brown black, breast below) brownish blue
- ~~3161~~ *Hemispingus caniceps* ♂ 150
Black from nostrils chest.
~~blackish blue below~~
- 3161 ✓ *Chlorospingus flavigularis* ♀ 152
white throat & olive yellow chest & over wing & tail
pale straw black) breast
- 3162 ✓ *Chlorospingus flavigularis* ♂ 156
white black, base below breast) breast blue
- 3163 ✓ *Knipolegus aterrimus anthracinus* ♂ 178
black & grey
brown pale blue, tip black) black
- 3164 ✓ " " " " ♂ 176
- ** 3165 ✓ *Amblyornis holosericeus* ♂ 259
blue-grey) pale olive yellow mixed over black)
blackish blue

X

[68]

- 3166 ✓ *Turdus chiguanco conradi* ♂ 278
 brown dull yellow / pale brownish yellow
 = Nr 3080
- * 3167 ✓ *Penelope solitaria plumosa* ♂ 610
 brown black, brownish below / pale yellow
 (throat pale crimson)
- 3168 ✓ " " " ♀ 590

Oconegua, May 27, 1931

I went up grass covered mountain on opposite side of river, th. route, but nothing found, came down & turned back & went up track to bridge entrance on other side, Scytalopus, etc. more.

Then went down valley on main road, 9:30 AM, 11.

- * 3169 ✓ *Adelomyia intermedia* ♂ 96
 soft brown green above, pink on sides, blue on sides, band below eye blackish; below dull buffy, flight feathers tipped with carmine blue, pink & flanks brownish; tail often sooty, subterminally blackish & tipped with carmine buff, black blackish & tipped with carmine buff.

- ** 3170 ✓ *Scytalopus* — (youth?) ♀ 122
 brown blackish / brown brown above brown, with concentric black markings, wing coverts tipped with buffy edges, with brown; below, feather centrally black, edge with buffy coloration

- * 3171 ✓ *Cistothorus platensis* ♀ 117
 brown black, flat brown & flesh.

- 3172 ✓ " " T.M.E. ♂ 115

- 3173 ✓ *Helianthus inca* ♀ 142
 black / flesh.

- 3174 ✓ *Hericorhina leucophrys* ♀ 118
 brown black / blackish brown

- 3175 ✓ " " ♂ 116

- 3176 ✓ *Nyctoborus macrouronops* ♀ 148
 brown black black

- *
- 3177 ✓ *Antrostomus* ♂ T.B. ♂ 160
Racemicula calcaratus, but has only yellow
 brownish buff instead of white & white under
 parts with black streaks less pronounced.
 brown) black) black) black) pink
- 3178 ✓ *Ochetorhynchus thoracicus* ♀ 138
 brown) black) black)
- * 3179 ✓ *Volatinia jacarina jacarina* T.B. ♂ 110
 (♀ 1000 ft) brown) black, pale brown below) dark brown
- 3180 ✓ *Conirostrum atrocyanocephalum* ♂ 134
 ♂ entirely black, with following colors along ventral
 & rump: carmine blue.
 brown) black) reddish
- 3181 ✓ *Thlypopsis sordida* ♂ 138
 cinnamon brown
 brown) black, reddish below) lavender blue
- 3182 ✓ *Chlorospingus flavopectus* ♀ 149
 straw) black) lavender blue
- 3183 ✓ *Chlorospingus flavigularis* ♀ 144
 gray) black, brown at base below) blue
- 3184 ✓ " " " " ♂ 153
- ** 3185 ✓ *Myioctetes t. tuberculifer* ♂ 206
 brown) white) white
 clear green above, top black; throat gray, bright
 sulphur yellow below; sides orange & full fulvous
- 3186 ✓ *Atlapetes melanotos* ♂ 176
 chestnut cap. black below, yellow brown
 brown) black) dark brown
- ** 3187 ✓ *Pheucticus aureoventris* ♂ 144 224
 brown) black) pale (white) reddish brown
 (not in least of Peruvian birds)
- 3188 ✓ *Antrostomus caeruleiventris* ♀ 236
 brown) reddish brown if pale) same reddish

X

69

Oconeegee, May 25/1931

man went up road, I shot in nestbox above
house just 9 AM, & got 14 - then went up hill to
old chaeras but got nothing, later 3 more in nestbox.
5.11 - NL 17

- 3189 ✓ *Metallura smaragdinae* ♂ 95
black & black.
- 3190 ✓ *Leucippus leucogaster* ♂ 112
brown, green above, white below
(black, flesh below) blackish.
- 3191 ✓ *Heliodoxa amethysteum* ♂ 115
black & black.
- 3192 ✓ *Ochthoeca albidiadema pulchella* ♀ 132
- 3193 ✓ *Thamnophilus roticapillus marcapatae* ♂ 163
red hazel & black, brown below & leaden blue
- 3194 ✓ " " " ♂ 168
- 3195 ✓ *Elaenia flavogaster* ♂ 165
brown & black, flesh below & black
- 3196 ✓ *Sporophila cyanocephala* ♀ 192
brown & black, white below & black
- 3197 ✓ " " " ♂ 204
- 3198 ✓ " " " ♂ 197
- * 3199 ✓ *Pipraeidea melanopota* (?) ♂ 148
red & black & black
Crown, rump & tail tips & wing coverts bright silvery blue,
rest above fading to wings & tail dark indigo blue,
point & sides & head black, below reddish.
- 3200 ✓ *Atlapetes melanopterus* ♀ 165
brown & black & brownish black

- X
- 3201 ✓ *Chlorospingus flavigularis* ♂ 153
 Shaw (black) Lenox *
- 3202 ✓ *Pseudochloris pratensis (?)* ♀ 112
 Above dull yellow, heavily streaked with dark brownish, rump & some green; no more whitish eye ring; below yellow, streaked on chest with blackish quills along ventral edge dotted with brown/black, leaden blue below & pink.
- * 3203 ✓ *Catamblyrhynchus cinnamomeus* ♀ 134
 brown/black pale at base below / dark hair
- 3204 ✓ *Knipolegus aterrimus anthracinus* ♂ 176
 Black belly above, white below among quills.
 Brown/black above, tip black/black
- 3205 ✓ *Trochilus polytmus maculatus (puna?)* ♀ 129
 brown/black, pink below / black pink
- 3206 ✓ *Myiochaetus t. tuberculifer* ♀ 195
 brown/black/black
- 3207 ✓ *Diglossa sikkimensis* Jun ♂ 125
 Dark blue above, yellowish below, white chin & throat,
 gray/black, bluish lower belly/dark blue
- 3208 ✓ *Diglossa personata* ♂ 164
 red/black/black
- 3209 ✓ " " " ♀ 153
- 3210 ✓ *Parrotspiza rieffeli* ♀ 211
 dull red/green/blue/black
- ** 3211 ✓ *Pseudocolaptes boissonneautii avitus* ♂ 220
 brown/black, white below flesh / fine leaden
- 3212 ✓ *Pheucticus ludovicianus* ♂ 232
 brown/black, down blue below / leaden
- 3213 ✓ *Hippolyteca atriceps* ♂ 245
 brown/brown/leaden blue

[70]

- ** 3214 ✓ *Oreopelia frenata* X ♀ 232
 hazel \ black \ purplish creases

- 3215 ✓ *Penelope sclateri* plumosa (?) ♂ 610
 red \ black \ purplish creases

- 3216 ✓ " " " ♂ 588

Ocoeuragee, May 29, 1931

You went down the valley & I worked up the trail several miles, got back at 12:20 P.M. with 17 birds. I had 9, but ditched one, leaving 8.

- 3217 ✓ *Myiophobus schrattentzi* (?) ♂ 120
 (= 3101) brown \ black, yellow flesh below leaden

- 3218 ✓ *Myiotheretes melanophrys* ♂ 153
 brown \ black \ black

- 3219 ✓ *Synallaxis azarae* ♂ 129
 hazel \ black, leaden below leaden blue olive

- 3220 ✓ " " ♂ 172

- 3221 ✓ *Hemispingus castaneoventris* ♂ 151
 brown \ black \ leaden brown

- 3222 ✓ *Deletriaxalis castaneoventris* ♂ 170
 brown \ black, leaden below \ leaden brown

- 3223 ✓ *Myiarchus tuberculifer* ♂ 195
 brown \ black \ black

- 3224 ✓ " " " ♀ 200

- 3225 ✓ " " " ♀ 191

- ** 3226 ✓ *Ochetorhynchus fuscocinereus* (?) 205
 brown \ black \ black

- †
- 3227 ✓ *Psittospiza ritteri* ♂ 205
brown (brown) scutellum
- 3228 ✓ " " " ♀ 210
- 3229 ✓ *Arctippus erythrurus* ♀ 288
pale blue pale blue heavily blue yellow
on wedge apically black
- 3230 ✓ " " " ~~juv~~ ♀ 275
- 3231 ✓ " " " ♀ 277
- 3232 ✓ *Hypothymis atriceps* ♂ 267
brown (black) bluish blue
- 3233 ✓ *Bathmocercus caeruleopectus* ♀ 253
scarlet (black) black
- 3234 ✓ " " " ♂ 242
- ~~3235 ✓~~ " " " ♀ 238
- *3236 ✓ *Turdus chiguanco conradi* ♂ 282
brown (dusky yellow) pale yellow
- 3237 ✓ *Xanthomixys cyanoptera* ♀ 333
brown (brown) blue
- *3238 ✓ *Turdus fuscater ockendeni* ♂ 315
~~*Turdus gigantodes*~~ brown - yellow (brown) orange (yellow)
- 3239 ✓ " " " ♀ 325
brown (red orange) yellow
- 3240 ✓ *Colaptes atricollis* ♀ 322
brown (pale green) black
- *3241 ✓ *Momotus aequatorialis chloronotus* ♀ 542
red (black)

X

七

Oregon, May 30 /1931

I did want go out today very too bad again.
Had 7 large birds left from yesterday to
skin & stuff & the 2 Parrot to stuff.
Grew several up the valley and got 8 birds - last night.

- 3242 ✓ *Diglossa sikkimensis intermedia* ♂ 135
 black, bluish flesh below tanally, dusky flesh
 This bird has lower part pale buffy ochraceous
 with rufous, as in description.

3243 ✓ *Procnopis atricapilla* ♀ 143
 brown, black, blue at base of tail, greenish

3244 ✓ *Myiadestes* (?) ♂ 183
 brown, black, black.

3245 ✓ *Xanthporus viridicyanea* ♀ 322
 brown, black back, grey face.

3246 ✓ " " " new ♀ 297

3247 ✓ " " " ♂ 332

3248 ✓ *Euphonia arcuata* ♀ 257
 white streaks (scutellum) scarlet.

3249 ✓ *Hemispingus castaneicollis* ♀ 150
 brown, black, dull bluish brown

*3250 ✓ *Chalcostigma ruficeps aureofastigatum* ♂ 108
 Hummer (Hedcapitana), chequered worn fastigatum.
 black, black
 (description similar 3081a)

3251 ✓ *Serpophaga cinerea* ♀ 113
 brown, black, black

- 7
- 3252 ✓ *Neocracresus leucophrys* ♂ 124
 brown (black) streaks
- 3253 ✓ " " ♀ 131
- 3254 ✓ *Syphax azare* ♂ 173
 hazel (black, leaden brown) dark olive
- 3255 ✓ " " ♀ 175
- 3256 ✓ *Atlapetes melanopsis* ♂ 177
 brown (black) sandy brown
- 3257 ✓ " " ♂ 182
- 3258 ✓ *Chlorospingus flavopectus* ♀ 145
 brown (brown) black (leaden)
- 3259 ✓ *Phaeoptilus aurifrons* ♂ 233
 brown (black, from blue below) leaden brown
- Sunday, May 31. (Bronze).
 Saw little if flocking birds today & clearing up
 odds & ends, including self.
- Oconee, June 1.
 Waded up the valley & found lower on face
 Cullinan, but found nothing down there.
- 3260 ✓ *Ochthoeca albiscapilla pulchella* ♀ 128
 brown (black) black
- 3261 ✓ *Helianthus incisa* ♂ 144
 black (black)
- 3262 ✓ *Pyrrhomyias cinnamomea* ♂ 142
 brown (black) black
- 3263 ✓ " " " ♀ 129
- 3264 ✓ *Micromesistia striaticeps* ♂ 150
 brown (black, sandy pink brown) (variegated) leaden

X

[72]

- 3265 ✓ *Hemispingus castaneiceps* ♂ 150
brown\black pale from
- 3266 ✓ *Trochocercus jelskii* ♂ 156
brown\black, leaden blue below blackish brown
- 3267 ✓ *Procnopis atricapillata* ♀ 142
brown\black, leaden below leaden blue
- 3268 ✓ " " " ♀ 141
- 3269 ✓ " " " ♂ 140
- 3270 ✓ *Diglossa personata* ♀ 160
red\black black
- ** 3271 ✓ *Myiodynastes* — spinosus (?) ♀ 227
near chrysoccephalus, but very distinct.
Crown, nape, sides of neck & neck, upper parts only gray,
rest dark reddish brown; broad white supercilia &
& median stripe; large concealed lemon yellow
crown patch, upper parts bright olive green; wings
& tail rusty; median & outer coverts & secondary &
median edges with rufous; tail ends broadly edged with
pale sulphur; throat buffy white; rest below bright
sulphur yellow, chest with slight dusky olive streaks.
Inner wing gray & edges & quills bright yellow.
* from black, flat at the bottom, leaden
- * 3272 ✓ *Piaya cayana boliviana* ♂ 442
red\blue green, dark tanally\lemon
- 3273 ✓ *Turdus serranus* ♀ 268
brown\blackish brown with yellow
- 3274 ✓ *Archiphanes chrysonotus* ♀ 275
pale blue\pale yellow, blue tanally\black.
- 3275 ✓ *Buteo swainsoni swainsoni* ♀ 236
pale scarlet\black\black
- 3276 ✓ *Ostiropsis atricapilla* ♀ 352
brown\fairly green\black
- 3277 ✓ *Myiodynastes* (?) — ♂ 122
brown\black\dark brown from

X
3278 ✓ *Knipolegus aterinus anthracinus* ♂ 170
(brown) black white, tip black) black.

Desmodera, June 2

gray west of valley, S. of T. birds including *Zosterops virens*,
Lutreola apica, *Trochocercus* & *Pycnonotus*.
Traveled down valley a short distance & in rest of valley

3279 ✓ *Hemicarhina leucophrys* ♂ 120
(brown) black) blackish.

3280 ✓ *Phoeniculus flavigularis* ♂ 168
white) black) brown black

3281 ✓ *Dasypteron indicum rectirostre* ♀ 110
(Warren = No 3081.) black) dusky pink

3282 ✓ *Hebantura inca* ♂ 148
black) pink

3283 ✓ *Nyctebius melanopeplus* (?) 150
(brown) black) black

3284 ✓ *Cotyledon thomensis* ♀ 136

3285 ✓ *Pseudochloris pratensis* (?) large egg ♀ 122
(= No. brown) black, dusky pink below) black.

3286 ✓ *Elaenia flavogaster* ♀ 169
brown) black) pink below) black,

3287 ✓ *Atlapetes melanopsis* ♂ 125
red-brown) black) brown brown

3288 ✓ *Dendrocygnis castaneiceps* ♂ 172
brown) black, under blue blue) blackish brown

3289 ✓ *Pseudocolaptes boissonneautii acutus* ♀ 155
brown) black, pink mainly below) olive

3290 ✓ *Procnopis africana* ♂ 144
brown) black, pink below mainly) dusky olive

[73]

♂ 157

3291 ✓ *Chlorospingus flavigularis*
white) black) leaden

3292 ✓ *Diglossa personata*
red) black) black

3293 ✓ *Poecilotriccus lurovatus igniventer* ♂ 185
brown) black) black

3294 ✓ *Psittospiza riefferi*
red) brown) black

3295 ✓ *Trochilus serranus* ♀ 256
brown) black) dark brown

** 3296 ✓ *Euchlora intermedia signata* ♂ 211
gray) orange) white

Ocoyoacat June 3,

Marked in Veracruz on the road back never
very scarce & wild.

3297 ✓ *Ochthoeca albifrons pulchella* ♀ 128
brown) black, yellow below belly) black

3298 ✓ ~~*Dolichura luteoventris rectirostris*~~ ♀ 106
Numer No. 3081 black) dusky pink

3299 ✓ *Chalcostigma ruficeps aureostriatum* ♂ 107
black) black

3300 ✓ *Nyctiphrynus* ♂ 182
brown) black) dark brown

** 3301 ✓ *Cathartes fuscater mentalis* ♂ 193
brown) red) orange, ridge black) yellow orange, dusky yellow

3302 ✓ *Micromelanos striaticollis* ♂ 149
brown) black, dusky pink below) leaden brown

3303 ✓ *Diglossa personata* ♀ 162
red) black) blackened

3304 ✓ *Trogonurus assimilis* ♀ 284
brown) yellow, ridge black) olive green

* 3305 ✓ *Phainopepla auroiceps* ♂ 368
brown) orange) dusky olive

X

Oceanicus, June 5.

- 3306^V *Hemicolumba leucophaea* ♂ 116
♀ Similar to ♂ but face parts entirely dark.
♂ shiny green; tibial tufts buff.
- ** 3307^V *Columba livia*, Gamb. ♀ 142
Upper parts dark brownish gray, paler on sides &
flank; pale form of tail feathers very pale, off-white,
rest of tail & U-shape edged with black; white streaks,
yellow, across crown, black; chest slightly tawny gray,
rest below whitish; pale median rectrices mostly blue
lively, pale, remaining ones black; a large
white patch on tail partly secondary below
wing 90 tail 80.
pale blue black, blue & white below largely cinnamon
- Belle Rose, June 6
- Rain until morning. Walked at 2 P.M. down
to Belle Rose about 1/2 mile & got 5 birds.
- 3308^V *Hemicolumba leucophaea* ♂ 114
- * 3309^V *Streptopelia n. roseicollis* ♀ 142
Lame. Dark blue.
- * 3310^V *Thraupis sp. irregularis* ♂ 159
steamed bluish cinnamon blue.
- ** 3311^V *Bucanetes githagineus* ♀ 144
Mottled brown. Bill pale yellow. Legs black.
black streaks on flanks, lower breast & belly yellow.
brown black (darker yellow) black.
- * 3312^V *Syrrhaptes paradoxus* (Tschagra) ♀ 140
brown black, lower breast yellow
- * 3313^V *Leptopogon superciliosus albifrons* ♂ 156
brown black, lower blue
- * 3314^V *Vireo olivaceus* ♂ 152

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** 3314 *Tanagra cyanocephala*

♀ 275

* 3315 ✓ *Myioseps caerulea*

♂ 137

* 3316 * *Malaconotus salvinius* ♀ 223** 3317 *Crypturus obsoletus pumensis* (?) ♀ 275
red brown black, chin, throat, belly, white* 3318 *Ostalis gettata adspersa* ♀ 510
brown black, lower blue black pink blue*Mallophaga* probably mixed in with from 3317 & 3318.3319 *Pasiotis torquata* ♂ 154Bella Pampa, June 7.3320 ✓ *Crypturus obsoletus pumensis* (?) ♀ 285** 3321 ✓ *Pheugopedius cactorum* (?) ♀ 148
hazel black, darker blue below, dusky headBreast dark brown black, wing feathers bright
blue, rufous white supercilium & underparts black,
with a black streak below median recto-streak.
Glossy blue black & white, sides much clear
yellow, throat white, rest below buffy cinnamon** 3322 * *Nymphaea longicarpa australis* ♀ 115
gray black, darker blue below, darker blue
Thinner veins3323 ✓ *Dipsosaurus ovatus* (?) ♀ 152
hazel black, darker blue below lighter blue
Whole cap yellow, ventral skin brown, wings
bright blue, anal scales orange yellow, entire under
parts dark buffy cinnamon** 3324 ✓ *Cenocercus avita occidentalis* (?) 142
brown black, white pink below, blue below

3325 ✓ " " " " ♂ 150

- 3326 * *Conopophaga aurita occidentalis* ♂ 150
 * 3327 * *Hosiciapicata floridensis* ♀ 144
 brown/black, pink below (anally) black
- 3328 * " " " ♂ 143
- * 3329 ✓ *Pipra caeruleiceps* ♂ 106
 brown/black, leaden blue below blackish
- 3330 ✓ " " " ♂ 104
- 3331 ✓ " " " ♀ 112
- * 3332 * *Mycoborus f. ferox*, (?) ♀ 200
 brown/black (wloth)
- * 3333 * *Tanagra xanthogaster brunneonucha* ♂ 121
 brown/black, leaden blue below faint flesh border
- 3334 ✓ *Myiocephalus aurifrons* ♀ 140
 brown/black, leaden blue below flesh
Bella Rufous June 8.
- ** 3335 ✓ *Lophotriccus pileatus hypochlorus* ♀ 109
 brown/black (crown blue)
- 3336 ✓ *Mycoborus f. fasciatus* ♀ 129
 brown/black, pink below black
- 3337 ✓ *Dendrocinclus* — ♀ 139
 (e 3311) brown (l. blue) pale yellow
- 3338 ✓ " " " ♂ 151
- ** 3339 ✓ *Chiroxiphia pareola baliiana* juv. ♂ 136
 brown/black (stomach yellow)

- ** 3340 *Nycteborus verticalis verticalis* ♂ 140
brown\black\black ♀ 131
- 3341 ✓ " " "
- 3342 ✓ *Syntomis* ~~gambiensis~~ var. *caerulea* ♂ 170
brown\black, leaden blue\leaden blue
- ** 3343 ✓ *Synallaxis cabanisi* ♂ 166
Superficially resembling cabanisi; whole crown & wings (except tips of quills distally) bright chestnut uniform; tail darker, chestnut; rest of upper parts with darker brown; throat gray, flattery heavily blackish just below, uniform dark greyish brown; a fulvous patch on each eye;
under wing with fulvous escutcheon, & lining of wing uniform, scarcely so. tail 66.
rest brown\black, leaden blue\blue.
- ** 3344 ✓ *Seydelops* ♂ 128
Much larger than bimaculata; in both wings & tail pure black, below, slatey black,
flanks, belly & crown barred with light brown
- 3345 ✓ *Neptapogon supercilialis albiventer* ♂ 152
brown\black\white blue
- 3346 ✓ *Stelgidopteryx rufifacies* ♂ 140
brown\black\black
- 3347 ✓ *Pygochelidon cyanoleuca* T.N.E. ♂ 128
brown\black\black
- 3348 ✓ *Thamnophilus bernardi* ♀ 153
brown\black, leaden blue\black\leaden blue
- * 3349 ✓ *Thamnophilus palliatus* ♂ 171
gray\blue, leaden blue\black\white blue
- 3350 ✓ " " " ♂ 172
- 3351 ✓ *Myiotheretes flavivertex* ♀ 140
brown\blue, yellow blue below (brown) black

- 3352 ✓ *Chrysops flavipennis* ♂ 157
 dark red, darker below, hairy, with black
 3353* *Myiospiza aurifrons* ♀ 135
 dark red, with black face
 3354* *Trochilus erythrurus* brunnescens ♀ 114
 dark red, black below, hairy, with black
 * 3355* *Pamparufa atriceps* (?) ♂ 186
 dark red, black, with white patches
 3356* " " # 187
 * 3357* *Cyanerpes nitidus* ♀ 112
 dark red, with black
 * 3358* *Repornis magnificus* m. ♀ 170
 yellow black, black below yellow (yellow
 sides) from neck up the back & of the head
 black below neck & on the rest
 black, yellow below
Bella Vista June 9.
 Part of valley on stone, rock & mud great mass
 of grit little sand, it mostly being clay with
 the clouds from wind.
 * 3394* *Tachytes melanopterus* ♀ 227
 body brown with black dots
 wings blackish brown, black with
 tail brownish black with black dots, black
 on the sides, black with black dots, black
 black with black dots, black with
 brown black with black dots
 3395* *Colaptes caeruleus* ♂ 130
 black with black dots

[66]

* 3361 *Tetraclis polycarpa*
Linn. f. var. *varia* Willd.

* 3362 *Tetraclis polycarpa* ♂ 147
Linn. f. var. *varia* Willd.

* 3363 *Thlaspi arvense* Linn. f. 153
var. *blackianum* (Lam.) Boiss.

* 3364 *Thlaspi arvense* ♂ 176
Linn. f. var. *blackianum* (Lam.) Boiss.

* 3365 *Morinda citrifolia* ♀ 137
Linn. f. var. *blackiana* (Lam.) Boiss.

* 3366 *Grewia laevigata* ♀ 169
Linn. f. var. *blackiana* (Lam.) Boiss.

* 3367 *Thlaspi arvense* Linn. f. 160
var. *blackianum* (Lam.) Boiss. f. var. *blackianum* (Lam.) Boiss.
var. *blackianum* (Lam.) Boiss. f. var. *blackianum* (Lam.) Boiss.
var. *blackianum* (Lam.) Boiss. f. var. *blackianum* (Lam.) Boiss.
var. *blackianum* (Lam.) Boiss. f. var. *blackianum* (Lam.) Boiss.
var. *blackianum* (Lam.) Boiss. f. var. *blackianum* (Lam.) Boiss.

* 3368 *Cyathula lanuginosa* ♂ 135
Linn. f. var. *blackiana* (Lam.) Boiss.

* 3369 *Pepha carnosella* ♀ 100
Linn. f. var. *blackiana* (Lam.) Boiss.

* 3370 *Chenopodium parvum* Schlecht. ♀ 192
Linn. f. var. *blackiana* (Lam.) Boiss.

* 3371 *Attalos melangyna* ♀ 155
Linn. f. var. *blackiana* (Lam.) Boiss.

* 3372 *Targionia cyaneocarpa* ♂ 136
Linn. f. var. *blackiana* (Lam.) Boiss.

* 3373 *Targionia pulchra* ♂ 145
Linn. f. var. *blackiana* (Lam.) Boiss.

- * 334 *Tridemis annulata* ♂ 170
brownish green with black stripes
- 335 " " " 170
- * 336 *Tribulus terrestris* ♂ 175
(Scandian hairiness) red & green, angularly lobed
green
- * 337 *Cithaerion punctatum* ♀ 141
brownish black & brownish green
- 338 *Xiphidiopygus acanthias* ♂ 229
long green dorsal spine from 3rd to 5th abdominal segment, 2nd & 3rd abdominal segments with small pale oval patches of yellowish brown, 4th & 5th abdominal segments with small pale oval patches of yellowish brown, 6th & 7th abdominal segments with small pale oval patches of yellowish brown, 8th abdominal segment with small pale oval patches of yellowish brown, 9th abdominal segment with small pale oval patches of yellowish brown, 10th abdominal segment with small pale oval patches of yellowish brown, 11th abdominal segment with small pale oval patches of yellowish brown, 12th abdominal segment with small pale oval patches of yellowish brown.
- 339 *Xiphidiopygus triangularis* Bangs ♂ 243
brown dorsal spine from 3rd to 5th abdominal segment with small pale oval patches of yellowish brown, 6th & 7th abdominal segments with small pale oval patches of yellowish brown, 8th & 9th abdominal segments with small pale oval patches of yellowish brown, 10th abdominal segment with small pale oval patches of yellowish brown, 11th abdominal segment with small pale oval patches of yellowish brown, 12th abdominal segment with small pale oval patches of yellowish brown.
- 340 *Afrocyanea varifrons* ♀ 182
brown black, from 3rd to 5th abdominal segments with small pale oval patches of yellowish brown, 6th to 12th abdominal segments with small pale oval patches of yellowish brown.
- 341 *Chlorostigma flavovittata* ♀ 181
brown black, from 3rd to 5th abdominal segments with small pale oval patches of yellowish brown, 6th to 12th abdominal segments with small pale oval patches of yellowish brown.
- 342 *Nalepa stylata* ♂ 181
red & black, green
- 343 *Polythelia ciliata* ♂ 173
brown - black, from 3rd to 5th abdominal segments with small pale oval patches of yellowish brown, 6th to 12th abdominal segments with small pale oval patches of yellowish brown.
- 344 *Leptophlebia maculata* ♂ 185
brown & black, from 3rd to 5th abdominal segments with small pale oval patches of yellowish brown, 6th to 12th abdominal segments with small pale oval patches of yellowish brown.

[77]

Balito Lagoon, Jan 18

- 3386 ✓ *Tyrannus melancholicus* ♂ 227
 brown\black\black
- 3387 ✓ *Buteo swainsoni* — ♂ 150
 brown\black\black\yellow
- *3388 ✓ *Thalurania tschodii* ♂ 113
 black\blackish
- *3389 ✓ *Heliobletus leucostigma* ♂ 136
 Human showing green above; abdomen glittering blue
 tail deeply forked (15mm); throat glittering green, just below
 shiny green; bill 20mm, black straight tail steel
 blue, middle feather orange, green
- 3390 ✓ *Leptasthenura pileata* nsp. ♀ 101
 straw\black\yellow\blue
- 3391 ✓ *Leptopogon superciliosus albiventer* ♂ 151
 hazel\black\yellow\blue
- 3392 ✓ " " " ♂ 151
- 3393 ✓ *Synallaxis azarae azarae* ♀ 145
 brown\black, some blue below, lower blue
- 3394 ✓ *Pheugopedius caroli* — 15 ♀ 151
 red-brown\black, darker below\black pink
- 3395 ✓ " " " ♂ 154
- *3396 ✓ *Dystomus montalis macrourus* ♂ 129
 brown\black\yellow\blue
- 3397 ✓ " " " " ♀ 125
- *3398 ✓ *Thamnophilus cyanocephalus* ♀ 151
 straw\black, dark below, yellow

- ** 3397 *Premnopsis brunnescens stictorostes* ♂ 143
brown (back), flesh below dark brown back
- * 3400 *Myiotheretes* ♀ 139.
above dark brown, olive on wings; wing-coverts black-edged patch on crown; tail black with white tips; wings mostly, feathers double webbed along edges of primaries & greater coverts; rump yellowish; below olive yellow with some white on breast & some streaks on throat & belly; lower throat yellowish flesh below; brown below
- 3401 *Muscicapa ceciliae florivora* ♀ 141
brown (back), flesh below variegated black
- 3402 *Nicocles striaticollis* ♂ 144
brown (black), white patch at base of bill
- 3403 *Pipreola melanostoma* ♀ 155
red brown (black), black above & dark brown
- * 3404 *Tanagra punctata* ♂ 130
brown (back), cinnamon below blue band on tertials
- 3405 *Myiotheretes avittatus* ♂ 142
brown (black), reddish below & white flesh
- ** 3406 *Chlorospingus forficatus* ♂ 118
brown (black), reddish variegated black below
- 3407 ? ♀ 113
- 3408 *Tanagra xanthocephala leucotisca* ♀ 117
brown (black), black at base below & dark feathers
- * 3409 *Chlorothraupis fuliginosa* ♂ 133
brown (black) dull olive
- 3410 *Chlorospingus parvirostris boliviensis* ♂ 145
brown (black) cinnamon brown
- 3411 ? ♂ 146

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- *3412 *Stictoleptura annalis* ♂ 172
brown \ pale greenish blue, w/ye brown \ black
- 3413 ✓ " " " ♂ 180

- 3414 ✓ " " " ♂ 179

- *3415 ✓ *Pygmyzona lecontei marcapataensis* ♀ 186
red br. (V) above, w/ yellow, wings black & tail black
brown black, short superficially white; Ctenab. few con.
short black, becoming full brown; red below, dark brown
flavous, belly & ventrum a little black
red \ black, brown blue below \ dark brown

- *3416 *Astecoclytus derbianus* ♀ 410
brown \ blackish, w/ black & yellow (dine)

- *3417 ✓ *Rhopica persiana saturata* ♂ 371
white \ orange yellow

Bell's Ranch, June 11.

I went up trail to left of river, & got 17 birds there;
then went down valley, got 12.

- *3418 ✓ *Oreocetes armatus* ♂ 121
black \ flesh.

- 3419 ✓ *Hephaestus pilatus hypoleucus* ♀ 104
brown \ black, flesh.

- *3420 ✓ *Basileuterus tristriatus* ♂ 134
brown \ black, flesh. brown \ yellowish brown

- 3421 ✓ " " " ♂ 140

- 3422 ✓ *Phaeoptila cyanocephala* ♂ 136
brown \ black, dense black w/ white

- 3423 ✓ " " " ♀ 150

- 3424 *Thamnophilus palliatus* ♂ 171
 straw (black) streaked below (downy blue)
- 3425 " " " ♀ 177
- 3426 ✓ *Thamnophilus orca* ♂ 158
 brown (black) streaked downy blue
- 3427 * *Polyptilus leucotis* ♂ 195
 downy black, black
- 3428 ✓ " " ♀ 175
 downy black, leaden blue (blue) downy blue
- 3429 ✓ *Cyanomitrax cyanocephala* ♀ 132
 brown (black) black
- 3430 ✓ *Xipholena atropurpurea* ♂ 246
 brown (white) downy blue (blue) downy blue
- 3431 ✓ *Trochocercus virgatus* ♂ 161
 brown (black) downy blue (blue) downy blue
- * 3432 ✓ *Xenops rutilans heterurus* ♀ 128
 downy black (black) downy black
- 3433 ✓ *Elaenia* " " ♀ 166
 downy (brown) downy black downy black
- * 3434 ✓ *Laniarius major* ♀
 back downy brown downy black front yellow
 white patches on wing, black (yellow) black
 black (yellow) black, black (yellow) black, black (yellow)
 black (yellow) black (yellow) black (yellow)
 black (yellow) black (yellow) black (yellow)
 black (yellow) black (yellow) black (yellow)
- 3435 *Rhinopomastus palauensis* ♀ 166
 brown (black) pale pinkish brown
- 3436 *Cyanerpes cyaneus* ♂ 107
 brown (black) black

[79]

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♀ 127

3437 *Tanymecia punctolata*
brown (black) leaden below / leaden blue

3438 * " " "

♀ 127

* 3439 *Tanymecia chilensis chlorocarya* ♀ 152
brown (black) leaden

3440 ✓ " " " ♂ 152

3441 *Chlorobrysa fuscotunica* ♂ 130
brown (black) black

3442 * " " " ♂ 128

3443 ✓ *Chlorospingus flavigularis* ♂ 150
brown (black) leaden blue

* 3444 ✓ *Spinus elioti* ♂ 115
brown (black), base of wing pale dark brown

* 3445 *Ostornops alticola* ♀ 391
brown (black) brown

Bella Parja, June 12

We both went up and up right out of
Quibaya I went alone this time, from 11000
m to 21000 feet from 11.

3446 ✓ *Malacoptila tulaginensis* ♂ 220
carmine (black) leaden blue

3447 ✓ *Xiphorhynchus triangularis bengalii* ♀ 230
= 3379 brown (brown blue), base of wing & tip of
tail black / leaden blue

3448 ✓ *Hoplotriccus pileatus hypoleucus* ♂ 110
brown (black) pale black brown

* 3449 ✓ *Myrmotherula* ♀ 107
♀ cinnamon above, cinnamon buffy ochreous below,
brown (black) pale yellow leaden blue

- +
- 3450 ✓ *Heptapogenia pectinaria albivenris* ♀ 141
gray) black) leaden blue
- 3451 ✓ " " " " ♂ 145
- 3452 ✓ *Pegomyias cinnamomea* ♂ 131
brown) black) black
- 3453 ✓ *Theophrastus argyrae* ♀ 160
brown) black, leaden blue) white blue
- 3454 * *Sympetrum* — ♂ 165
(= 343) brown) black, leaden blue) white
- 3455 ✓ *Myiochanes verticalis* — ♀ 131
brown) black) black
- 3456 ✓ *Thaumatoxena analatinus* ♀ 167
brown) black, leaden blue) white) white
- 3457 ✓ *Aldaplata melanotoma* ♀ 165
brown) black) black
- * 3458 ✓ *Phylidox cryptocercos* ♂ 186
See card for description.
dark brown, pale brown becoming blue
- 3459 ✓ " " " " ♀ 173
- 3460 ✓ " " " " ♂ 127
- * 3461 ✓ *Xanthosoma mactanense* ♀ 171
brown) black, black) black) black) white
- 3462 ✓ " " " " ♂ 128
- 3463 ✓ " " " " ♂ 175
- 3464 ✓ " " " " ♀ 124

June 12 A

[80]

- 3465 ✓ *Thysanococcidae* melanophryneus ♀ 280
brown/black/blue band.
- 3466 ✓ *Pygmaeagena leoparda*, ♂ 191
brown/black/blue band.
- 3467 ✓ *Gobbiola tabacae cyanescens* ♀ 220
brown/black/pale blue
- 3468 ✓ *Chlorophrysa fulgentissima* ♂ 133
brown/black/blue
- 3469 ✓ *Taiga chilensis chlorocysis* T.E. ♂ 153
brown/black/blue
- 3470 ✓ *Iridonias analis* ♂ 168
brown/pale blue white, pink band black.
- 3471 ✓ *Orotalis guttata adspersa* ♀ 445
brown/lead blue, pale apically/black band
- 3472 ✓ " " " ♂ 500
- 3473 ✓ *Crypturus obsoletus punctatus* juv. 231
brown/black, flat blue, brown apically/dots
- * 3474 ✓ *Rupornis patteroni* ♂ 378
yellow/olive blue band, black apically/cyan orange
- 3475 ✓ *Fraya cayana belliciana* ♂ 458
brown/blue green/pale apically/lead blue
- 3476 ✓ " " " ♂ 454
- 3477 ✓ *Asplenophis affinis* ♀ 364
brown/silver/blackish band
- # 3478 ~~*Fraya cayana*~~ # 365
~~(blue)~~

Bella Punja, June 13

I stayed in to finish up yesterday's book
I gave my dog just a chance to heal.
Please send off immediately when I can.

- 3478 ✓ *Repicula peruviana* ♀ 358
pal black white (dark) black

3479 ✓ " " " juv ♂ 374
white (dusky yellow) orange green

* 3480 ✓ *Phaethornis guy emiliae* (?) 159
black, salmon red below black

3481 ✓ *Myiophobus fasciatus* ♀ 130
brown (black), pink flesh black black

3482 ✓ *Tanagra xanthogaster bronneifrons* ♂ 122
brown (black) lemon below brown (lemon)

3483 ✓ *Chlorospingus flavipactus* ♂ 146
pale brown (black) lemon olive

** 3484 ✓ *Glyptopithecus* ^{SPIRORUS} ~~concolor~~ [?] *bigolaris* ♂ 168
brown (black) lemon below black brown

* 3485 ✓ *Mycobius villosus peruviana* (?) ♀ 147
brown (black), flesh brown, tip brown (fins brown brown)

3486 ✓ *Synallaxis* ♀ 161
= 3343 ad. ♂ (black, brown, blue) olive

** 3487 ✓ *Cnipsatches (Campylopterus) splendens* ♀ 369
brown (black) black

3488 ✓ *Tanagra xanthogaster bronneifrons* ♀ 115
(skin no. 3314.)

Sunday, June 11, 1967

[81]

Bella Paupar, June 15.

Man went up trail to top ridge & got 2 birds.
 I took road & rode up Guanlari to first shadow &
 then walked up river on foot a long distance
 got back at 12.40 P.M. with birds 20 miles.

- 3489 *Thripadectes* ♂ 227
 brown|black | olive
- 3490 ✓ " " ♀ 218
- ** ✓
 3491 *Saltator maximus* ♀ 212
 brown|black, leaden below | leaden blue
- 3492 *Myiotherula longicauda australis* ♀ 117
 brown|black, leaden below | leaden blue
- 3493 ✓ " " " ♂ 112
- 3494 ✓ *Mitrephanes phaeocercus olivaceus* ♂ 134
 brown|black, yellow fleshy black.
- 3495 ✓ *Myiobius* - ♂ 154
 (supplum) brown|black, fleshy below | leaden
- 3496 ✓ " " " ♀ 143
- 3497 ✓ *Synallaxis sabini* imm. ♂ 170
 brown|black, leaden below | olive
- 3498 ✓ *Thamnophilus orcesi* ♀ 153
 gray|slaty, leaden blue below | leaden blue
- 3499 ✓ *Thalurania tschudii* ♂ 113
 black | white
- 3500 ✓ *Microstomus striaticeps* ♂ 151
 brown|black, dark brown throat | leaden blue
- 3501 ✓ *Basilornis* - ♀ 145
 (immature) brown stripe|brown|dark, (dusky yellow)

- 3502 [✓] Neptisoides superciliosus ♂ 152
 gray (blue) leaden blue
- 3503 [✓] Xenopsoides montanus yungas ♂ 125
 brown (black), leaden blue
- 3504 [✓] Xiphorhynchus triangularis bonelli ♂ 240
 (= No. 1) brown (blue) blackish brown
- 3505 [✓] Turdus serranus ♀ 265
 brown (blue) blackish brown
- 3506 [✓] Mimus triurus melanopygus ♂ 223
 brown (blue) leaden blue
- 3507 [✓] Pipreola ruficeps ♂ 150
 brown (blue) dark blue blackish brown
- 3508 [✓] Leucosticte versicolor ♂ 166
 brown (blue) white yellowish orange infuscate
- 3509 [✓] " " " 4 ♂ 168
- 3510 [✓] " " " " ♂ 176
- 3511 [✓] Ramphocelus atricapillus ♂ 185
 white, brown, marl, gray, silvery white black
- 3512 [✓] Tangara poeciloptera ♂ 131
 brown (black), leaden blue black
- 3513 [✓] Tangara cyanocephala ♂ 139
 brown (black) black
- * 3514 [✓] Tangara xanthocephala lemprieri ♀ 137
 brown (black), leaden blue
- 3515 [✓] Todus angustirostris ♀ 172
 brown (black) white, white, black
- 3516 [✓] Trogon violaceus violaceus ♂ 254
 brown (black) white, black
- 3517 [✓] " " " " ♂ 259

Bella Banja, June 16, 1931

Men came up from one side & down to another side
of body of bridge - 8 birds (2 Tuques) I went up
Lumulua river on Sto Domingo side, from best stream up -
got 18 birds.

3518 [✓] *Oreocetes ornatus* ♂ 132
brown (black)

* 3519 *Herpsilochmus atillaris* ♀ 135
Grayish olive above, paler and whitish underparts.
Head gray, eyes yellow, sides black, gray streaked with white,
streaks black; breast black, well defined white, grayish yellow
dull green; below pale yellow, chest slightly darker; 3 outer
tail feathers with broad black ends, all others brown, black with
inner wing streaks becoming more pale surface
brown (black), leaden blue, leaden blue

3520 *Cenopisphaera aurita* [✓] *calderoni* ♂ 140
brown (black), with flesh below, leaden blue

* 3521 *Cnemarchus psaltrurus personatus* ♀ 150
Flavastrius, name of Hucapilla, manaca, maniglo.
4 pale annulations breast & belly & tail brown
brown (black) black

3522 [✓] *Mionectes striaticollis* ♀ 137
brown (black), flesh below, leaden blue

3523 [✓] *Alypia destes* ♂ 183
brown (black) brown to black

3524 [✓] *Xenopsaris mortans* *youngi* ♂ 128
brown (black), olive flesh below, olive

** 3525 *Vireolanius leucotis* ♂ 154
Front, back, neck, sides, face black, eye & lower
part of throat, sides, flanks covered with greenish
black feathers, neck & sides of head (back of eye) black
blue gray; rest above olive green, also changing to
brown & black.

gray bluish green (black), leaden blue below, leaden blue

3526 *Eubucco versicolor* ♀ 166
(Red nose red) yellowish green, ridge brown, skin

3527 ✓ *Melanerpes lewis*
brown (black) (red) blue ♀ 223

3528 ✓ " " " ♂ 227

3529 ✓ " " " ♀ 228

3530 ✓ *Turdus migratorius* ♀ 220
(white neck black head)

brown (black) brown (yellow) yellow ♂ 273

3532 ✓ *Chlorodrepa falcotarsus* ♂ 132
brown (black) dark orange

3533 ✓ " " " ♂ 133

3534 ✓ *Tanagris pectorata* ♂ 130
brown (blue, darker than body) leaden

3535 ✓ *Chlorospingus flavipetens* ♂ 153
brown (blue) leaden

* 3536 ✓ *Sporophila leucostis* ♂ 123
brown (pinkish) blue (black)

3537 ✓ *Spinus olivaceus* ♂ 115
brown (pinkish) brown, black (pinkish) leaden

3538 ✓ " " " ♂ 106

3539 ✓ *Tanagra pochra* ♂ 155
brown (black) leaden blue

3540 ✓ *Rupicola peruviana* ♂ 376
white (yellow) yellow

3541 ✓ " " " ♂ 378

3542 ✓ " " " ♀ 368

3543 ✓ " " " ♀ 371

[83]

Dicaea leucophrys Juv. ♂

Loren zone, the valley of the S. L. River, no birds, first meeting, Kathai 10/13 July 2 birds. Juvenal mixed with main road birds and *Spizella*.

- 3544 ✓ *Serpophaga cinerea* ♂ 117
brown, black, blue.
- 3545 * *Nyia destes* — — — ♂ 175
brown, black
- 3546 ✓ *Pyrochomia cinnamomea* ♀ 132
brown, black, blue
- 3547 ✓ *Pipra caeruleicapilla* ♀ 107
brown, black, brown, blue, dark brown
- 3548 ✓ *Tangara punctata* ♂ 129
brown, black, brown, blue, dark brown
- 3549 ✓ *Tangara cyanerectis* ♂ 135
brown, black, blue
- * 3550 * *Pionus tumultuosus* ♀ 276
brown, lime yellow, one black, blackish
- 3551 * " " ♂ 228
- 3552 ✓ " " ♀ 221
- 3553 ✓ *Monias albicauda chlora* ♀ 516
red-brown, black, white, blue
- 3554 ✓ *Trogon violaceus* ♀ 280
brown, yellow, ridge blue, pale blue, brown

St. Domingo, June 19.

From road across creek & up old road, below hill.
General up near carreta & road to No. 4.

- 3555 ✓ *Turdus serranus* ♀ 277
brown (black), brown base
- 3556 ✓ " " ♀ 281
- 3557 ✓ *Dasylophus superciliosus rectirostris* ♂ 113
Humer - same as Cocouque, green, blue tail & whitish tibial tips
** black (black).
- 3558 ✓ *Tachyphonus* (?) 107
Sides of head & black crown; crown slate gray, back
green; chest iridescent, belly white; wings edged purple;
double wing bars pale yellow.
brown (black) leaden
- * 3559 ✓ *Phylloscartes ventralis angustirostris* ♂ 129
Flycatcher; olive green above; wings & tail blackish, edges
slate green; double wing bars of pale sulphur; lower &
slight upper breast grayish white; below olive yellow,
belly orange clear sulphur
brown (black); pink at base below (leaden)
- 3560 ✓ *Syrallaxis azarae* (?) (~~tail~~) ♀ 170
brown (black); leaden blue below (leaden) base
- 3561 ✓ *Thamnophilus melanocephalus* ♂ 164
(#3091) hazel (black), leaden black below (leaden) blue
- 3562 ✓ *Hemispingus castaneicollis* ♂ 148
brown (black) leaden base
- ** 3563 ✓ *Compsocoma flavinucha* ♀ 182
~~Bolivian~~: red brown (black) black
- 3564 ✓ " " ♂ 185
- 3565 ✓ " " ♀ 178
- 3566 ✓ " " ♂ 184
- 3567 ✓ " " ♀ 184

[84]

- 3568 ✓ *Myiotheretes striaticollis* ♀ 230
brown \ black \ black.
- 3569 ✓ *Tangara xanthocephala lamprotes* ♀ 136
Front, lower eye region & nape black; top of head bright reddish orange; malar region yellow; upper throat black back black, streaked with bluish green; rump blue-green tail black, edges black; wing black with white edges blue green; lower throat & breast blue green; lower breast belly & ventian buffy ochraceous; sides & flanks blue green
brown \ black \ black
- 3570 ✓ *Pipraeidea melanota* ♀ 141
brown \ black, leaden below breast \ leaden blue
- 3571 ✓ *Eubucco versicolor* ♀ 169
rest of head & p. red \ olive green, w. yellowish, ridge clearly
just olive green
- * 3572 ✓ *Euchloropsis frontalis* ♂ 179
(Scarlet throat) olive \ salmon red \ orange red,
- 3573 ✓ *Alocreadyneus carunculatus* ♂ 433
straw \ leaden blue pale apically \ leaden have
- ** 3574 ✓ *Columba plumbosa propinqua* ♀ 324
head, neck & crown pale grayish vinaceous; back &
wings straw
gray-straw \ black \ purplish blood.
- 3575 ✓ " " " ♀ 355
- Sto. Domingo, June 20
man went up trail to N.E. over ridge to Hoces mine.
got only 6 birds. I went up foot path above junction
to top of ridge & back over main road.
- 3576 ✓ *Myiotheretes striaticollis* ♂ 235
brown \ black \ black.
- 3577 ✓ *Sporophila cyanocephala* ♂ 195
brown \ black, leaden below \ leaden
- 3578 ✓ *Syphax azarel* (?) (tail incomplete) ♂ —
hazel \ black; leaden below \ leaden below
- 3579 ✓ " " " imm. ♂ 150

3580 *Doryfera ludovicianae rectirostris* ♀ 105

Hummer (common green)

* black) blackish

3581 *Thamnophilus melanocephalus* ♂ 167

brown) Entirely black above - concealed white in back; white
breast) Vireo black, rest below ashy (black feather scattered
~~black~~ black as though immature) shoulder patches all equal
leaden black, tipped white; wings black, slightly edged with grayish
blue tail black, tipped white & white spot on outer web of outer web only

3582 *Thamnophilus notatus* ♂ 163

laved below brown) black) leaden blue

** ✓

3583 ♀ 115

Flycatcher: Bill short & broad heavily & rather high at
base with curved culmen, something like *Crotophaga*.
Below olive brown, front & eye region decidedly
dark cinnamon buff, back olive green; wings & tail
black, edged with seal brown; rump & throat
white; sides of neck, breast, sides & flanks
olive; below, throat & belly sulphur; crimson buff
brown) black) dark brownish olive

3584 ✓ *Atlapetes melanopsis* ♀ 174

red-brown) black) dark brownish brown

3585 ✓ " " ♂ 175

3586 ✓ *Xenopsoides montanus yangae* ♂ 175

brown) blackish brown, white olive below) olive

3587 ✓ *Myiarchus tuberculifer* (?) ♀ 196

Head black, throat pale ashy; back slate blue
wings & tail edged with cinnamon, back edges
with yellowish reflects
brown) black) black

3588 *Chlorospingus flavopectus* ♀ 147

straw) black) leaden blue

3589 ✓ *Piprafascia melanoptera* ♀ 143

brown) black, leaden below bands) leaden blue

* 3590 ✓ *Diglossopis caeruleopectus* ♀ 144

brown) black) blackish brown

3591 ✓ " " ♂ 143

- 3592 ✓ *Turdus serranus* T.E. ♂ 283
 brown (red) orange yellow orange
- 3593 ✓ *Alococthynchus caeruleicinctus* ♂ 438
 hazel leaden blue, pale apically (blue leaden)
- 3594 ✓ *Philydor cartesi ventralis* ♀ 119
 (= No 3559) brown black, flesh at base below leaden blue
- 3595 ✓ *Neophedrurus pileatus* ♂ 110
 (brown criss) straw black leaden
- 3596 ✓ *Thlypopsis* (?) ♂ 131
 (uniform head - same as Scenops)
 brown black, leaden below leaden blue
- 3597 ✓ *Tangara xanthocephalus lamprotes* ♀ 136
 (= 3569) brown black leaden
- 3598 ✓ *Pipraeidea melanonota* ♂ 150
 brown black, leaden at base below leaden blue
- 3599 ✓ *Buarremon poliophrrys* ♂ 196
 brown black blackish brown
- 3600 ✓ *Compsocoma flavipectus* ♂ 193
 (yellow & blue) brown black black
- 3601 ✓ *Turdus nigriceps* ♀ 215
 (white belly, streaked throat) same as Bella Paria
 brown black brown brown
- *3602 ✓ *Diglossa indigotica inca* ♀ 127
 yellow black black
- 3603 ✓ " " " " ♀ 131
 Front long & chin black, rest of body bright indigo
 blue, slightly paler below.

Sto Domingo, June 22.

We both went through mine tunnel to Macho Valley
+ worked in the tributary roads. I went up valley
+ down down. Juan got 7 + I got 14 birds.

- 3604 * *Synallaxis azarae* ♂ 169
brown (black, leaden below) leaden blue
- 3605 * *Premnoplex brunnescens stictorhynchus* ♂ 147
brown (black, pink below) dark blue
- 3606 * *Heliodoxa leadbeateri* ♂ 137
Hummer + long green on each blue crown.
black blackish
- 3607 * *Thamnophilus ruficapillus* ♂ 164
red hazel (black) leaden blue
- 3608 * " " " ♂ 169
- 3609 * *Mitrephanes phaeocercus olivaceus* ♂ 136
brown (black, yellow flesh below) black
- 3610 * *Pyrhura viridis cinnamomea* ♂ 135
brown (black) black
- * 3611 * *Spindalis zelai gardini* ♀ 137
sharp tailed Spangle
brown (black, bluish horn below) dark blue
- 3612 * *Chlorostrepsis fulgatissima* ♂ 132
brown (black) blue
- 3613 *Thripadectes melanorhynchus* (?) 223
brown (black) olive
- 3614 * *Xipholena triangularis bangsi* ♂ 254
large sp. pale blue mottled
- 3615 * *Diglossia indigotica incata* ♂ 135
yellow (black) black
- 3616 * " " " ♂ 133
- 3617 * *Heliomaster carunculatus* ♂ 153
brown (black) leaden blue

3618 *Hemispinges castaneicollis*

♀ 142

3619 ✓ " "

♀ 142

3620 *Compsocoma flavinucha*
brown (black) black.

♀ 183

** 3621 *Chloronterps rubiginosa caniceps* ♂ 243
brown (black) leaden

3622 *Megithreutes striaticollis* ♀ 231
brown (black) black.

* 3623 *Xanthura yncas* ♀ 318
yellow (black) blackish brown

Slo. Domingo, June 23.

Waited to Río Chico, San Pedro, got 2.
Grallaria there. Then went up carretera to
Laguna Lachy. Found small open road along
river bed to Longuepata.

3624. *Micrastes striaticollis* ♀ 143
brown (black), pale brown at base below leaden

3625 *Todirostrum* ♀ 107
(immature) brown (black) leaden blue.

3626 *Phylloscartes ventralis* ♀ 125
(3559) brown (black), pinkish base below, dark lemon

3627 *Daryfera leucosticta rectirostris* ♀ 109
Hawaii. Green above & below, white below bright
black (dusky) pink

3628 *Thamnophilus roticapillus* ♀ 174
hazel (black) leaden blue (pink) dusky blue

** 3629 ✓ ♂ 152
"Tutled Tanager": - Entire upper parts slate gray, except
occiput black; white postocular stripe to nape; sides
of head, throat, chest & sides bright chestnut brown;
breast, belly & creamer white
brown (black); pale bluish flesh below; leaden blue

- ** Top type!
- 3630 ✓ *Grallaria albiventer* ♀ 212
 brown (black) leaden below / leaden blue
- 3631 " " " ♂ 223
- 3632 ✓ *Henicorhina leucophrys* ♀ 116
 brown / black / dark blue
- 3633 ✓ *Cryptorus obsoletus punensis* ♂ 223
 brown / black, flesh below, tip dusky / dull.
- 3634 ✓ *Pyriglenia leuconota* ♂ 199
 red / black / black
- 3635 ✓ *Turdus serranus* ♀ 272
 brown / black / dusky yellow
- 3636 ✓ *Tanagra xanthogaster brunneifrons* ♂ 121
 brown / black, leaden blue below mostly / black
- * 3637 ✓ *Tanagra nigrovittata berlepschi* ♀ 31
 brown / black, flesh at tail below / leaden blue
- 3638 ✓ " *xanthocephala lamprotes* ♂ 141
 = 3569 brown / black / leaden blue
- 3639 ✓ " " " ♂ 140
- 3640 ✓ " " " ♀ 136
- 3641 ✓ *Eubucco versicolor* ♂ 174
 (red head) red / bluish olive, ridge dusky / olive
- 3642 ✓ *Praenopis atricærulea* ♀ 148
 brown / black, leaden blue below / leaden
- 3643 ✓ " " " ♂ 139
- 3644 ✓ *Compsocoma flavinucha* ♂ 193
 brown / black, blue at tail below / black.

[87]

♂ 130

3645 ✓ *Diglossa indigotica inca*
yellow \ black \ black.

3646 ✓ *Hypoxanthus atriceps*
brown \ black \ leaden blue

3647 * *Piaya cayana boliviensis*
carmine \ olive yellow, darker loral \ leaden

♀ 437

Sto. Domingo, June 24, 1931

I went down the creek, through the canyon, looking for the nocturnal bird supposed to be there, but found nothing. Got a *Lochmias* & a *Cinclus* only. I was out on main road & got only 6 birds. Very cloudy & threatening rain, rained last night.

3648 ✓ *Basilornis signatus*
(same as 3665) brown \ black \ dusky yellow

♂ 148

3649 *Lochmias nematura obscurata*
brown (black, paler below mesially) \ black

♂ 165

3650 ✓ *Cinclus leucopurus*
brown \ black \ leaden blue, sides black

♂ 165

3651 ✓
Chart-tailed Tanager = No 3629
brown \ black, white patch below \ leaden blue

♀ 156

3652 ✓ *Spodiornis jardinii*
sharp tailed Sparrow (= No 3611)
brown \ black, leaden from below \ dusky breast

♂ 135

3653 ✓ *Diglossopis catulescens*
red-brown \ black, blackish

♂ 142

3654 ✓ *Sporophila cyanocephala*
brown \ black, leaden blue below loral \ dark brown

♂ 199

Sto. Domingo, June 25.

I went up road to El Carmen, bird very scarce
3 day dark & foggy. Got 8 only. From small down
main trail back to Oroya, got 7 birds.

- 3655 [✓] *Scytalopus* ♂ 124
Probably same as small scimitar bird from Leonope.
brown | black | brown breast
- 3656 [✓] *Mionectes striaticollis* ♀ 139
brown | black, dusky flesh below (white) | leaden blue
- 3657 [✓] *Thamnophilus melanochirous* ♂ 161
brown | black | leaden blue
- 3658 [✓] " " " ♀ 158
" (black, leaden blue below)
- 3659 [✓] *Chrysospingus flavipectus* ♀ 145
reddish brown | black | leaden blue
- 3660 [✓] *Nemispingus castaneicollis* ♂ 153
brown | black | bluish breast
- * 3661 [✓] *Bairdiana brunneiventer* ♂ 200.
brown | black | blackish breast
- 3662 [✓] *Grallaria albogularis* ♀ 211
brown | black, leaden blue below | leaden blue
- 3663 [✓] " " " ♂ 225
- 3664 [✓] *Delturaupis castaneiventris* ♂ 164
brown | black, leaden blue below | dark leaden
- 3665 [✓] *Tridornis analis* ♀ 124
red brown pale pink chest, white black | leaden hair
- 3666 [✓] *Eicheniis frontalis frontalis* ♂ 182
yellow | red-orange | orange
- 3667 [✓] *Ostifrons atraviridis* ♂ 430
- 3668 [✓] " " ♂ 423
- 3669 [✓] *Columba plumbata praeponga* ♀ 330
bluish white | black | purplish neck

[88]

Sto Domingo June 26.

We both went through the mine to the Macho, I worked up & went down. He got 8 birds & I got 19.
each at 1/2 m.

3670 *Thripadectes* ♀ 220

brown (black, pale at base below) olive

3671 ✓ " " ♀ 221

3672 ✓ *Todirostrum* ♂ 100

(cinnam. throat) brown (black) leaden blue

3673 ✓ " " ♂ 107

3674 ✓ *Phylloscartes ventralis* ♂ 127

(= 3559) brown (black, pale at base below) leaden

3675 ✓ " " ♀ 120

3676 ✓ *Basileuterus tristriatus* ♂ 141Blackish crown, median buffy yellow stripe, white supercilium
brown (black, dusky flesh below) yellowish brown3677 ✓ *Syzalaxis azarae* in ♂ 163

gray (black, leaden below) leaden blue

3678 ✓ *Pyrrhomyias cinnamomea* ♀ 133

brown (black) black

3679 ✓ *Delothraupis castaneoventris* ♂ 171

red-brown (black, leaden below) dark brown

3680 ✓ *Xiphorhynchus triangularis* ♀ 240

brown (pale brown blue, base of cap. black) leaden blue

3681 ✓ *Hemispingus castaneiventer* ♀ 145

brown (black, pale at base black) pale leaden brown

3682 ✓ " " ♂ 151

3683 ✓ *Malacoptila flavogularis* ♀ 240

cinnamon (black) leaden brown

- 3684 ✓ *Tanagra xanthophala lampetes* ♂ 136
 (= 3569) brown | black | leaden.
- 3685 ✓ " " ♀ 133
- 3686 ✓ " " ♀ 141
- 3687 ✓ " " ♂ 143
- 3688 ✓ *Spedieria jardini* ♂ 133
 Sharp-tailed Sparrow | brown | black, dark bars below & blackish bar
- 3689 ✓ *Tanagra xanthogaster bronuiteans* ♂ 115
 brown | black, leaden blue below | blackish bar
- 3690 ✓ " " ♂ 115
- 3691 ✓ " " ♀ 113
- 3692 ✓ *Chlorospingus rubiginosus* ♂ 242
 brown (black) | leaden blue
- 3693 ✓ " " ♀ 240
- 3694 ✓ *Euchlaena intermedia signatus* ♂ 208
 gray | dark cinnamon | dark acastal.

Bta. Domingo, June 27

Inca road to main road, & went up over mountain & down to Cruzada Macho, then up road roads to end & back to main road. 12 birds seen.

- 3695 ✓ *Adelomyia inornata* ♂ 94
 black | blackish, other flesh.
- 3696 ✓ *Psalidopiconax* — ♀ 109
 (same as Scenopinus) black | blackish

- ** 3697 ✓ *Eusearchomoris* (?) ♂ 111
 Above bright blue green, wings & tail edged white; lower 1/2 eye yellowish white; chin & sides of upper throat black, auriculars white; rest below black chin & abdominal white; chest pale olive gray; strong jaws w/ conical

pale yellow, also band of wing
straw black) tertiaries

- 3698 *Myiochorus melancephalus* (?) 147
brown (black) black.

- 3699 ✓ *Basileuterus tristriatus* (?) 135
(= 3676) brown (black), dusky flesh below (pale yellowish bar)

- * 3700 ✓ *Basileuterus coronatus* (?) ♂ 146
median crown stripe rufous, bordered by broad black
stripe to nape; median rufous stripe only posteriorly;
lower & post ocular streak black; area between black
brown stripes & post ocular stripes, as well as rest of
sides of head, pale ashy gray; throat ashy white,
rest below yellow, chest, sides & flanks olive, streaked
yellow; above olive green, wings, & tail edged same.
brown (black) pale brown brown

- ** 3701 ✓ *Myiophobus flavicans superciliosus* ♂ 130
Elycapha; Pileum & hind neck olive green, passing
into olive brown on back & rump; wing & tail feathers, tarsi
conceal olive brown; median & post ocular coppery & purple
edge of with deepest, edge of tail feathers more or less
concealed yellow patch in wing; sides of body & neck
olive green; wide ring around eye of yellowish white,
throat olive whitish; chest grayish olive, belly pale
yellow. brown (black), dusky flesh below (dark brown)

- 3702 ✓ *Chlorochrysa folgentissima* ♀ 129
brown (black) brown

- 3703 *Tanagra xanthogaster brunneifrons* ♂ 116
brown (black), leaden at base blue (greenish)

- 3704 ✓ *Tanagra nigriviridis berlepschi* ♂ 125
brown (black), leaden blue below (as above) leaden

- 3705 ✓ " " " ♂ 128

- 3706 ✓ " " " ♂ 128

- 3707 ✓ " " " ♂ 128

- 3708 ✓ " " " ♀ 127

- 3709 * *Diglossa caerulescens* ♀ 140
 red) black) blackish
- 3710 * *Diglossa personata* ♀ 158
 (blue, with black sides, head)
- ✓ *Ityan* black) blackish
- 3711 * *Iridornis analis* ♀ 166
 brown) pale blue bluish, ridge black, sides blackish
- 3712 ✓ " " ♂ 175
- 3713 * *Eubucco versicolor* ♂ 170
 (red head) brown) peacock, tip yellowish, sides white, chin
- 3714 * *Campsicnemis flavinucha* ♂ 174
 brown) black) pale brown) black below) black
- 3715 ✓ " " ♂ 182
- 3716 * *Turdus scutatus* ♂ 223
 brown) orange, with black) yellow, front dark brown
- 3717 ✓ " " ♀ 220
 —) blackish) pale brown, yellowish behind.
- St. Domingo, June 30.
 Jean went over old road from Ciudadela below hill.
 Went down and read as far as Tuyupata branch
 I got 13 - Jean f. including Tinamous + Intermediate.
- 3718 * *Adelomyia inornata* ♂ 95
 black, dusky flesh
- 3719 * *Leptopogon superciliosus* ♂ 150
 gray straw) black, feathers brown) dusky
- 3720 * *Coereba flaveola* T.E. ♂ 115
 brown) black) dusky
- 3721 * *Chiroxiphia pareola boliviensis* ♂ 140
 brown) black) dusky purplish flesh
- 3722 * *Pipreoloides melanostoma* in ♂ 153
 hazel) black, leaden below) blackish brown

[90]

- 3723 ✓ *Boarremon brunnescens* ♂ 197
brown (black) black.
- 3724 ✓ " " ♂ 200
- 3725 ✓ *Nyctanthes* T.M.E. ♂ 127
brown (black) brown below (brown brown)
- * 3726 ✓ *Entomodestes leucotis* ♂ 257
brown (black, orange below) black
- 3727 ✓ *Spadiornis jardini* T.E. ♂ 133
brown (black) black from below (brown brown)
- 3728 ✓ *Myiodynastes (tigris) chrysocephalus* ♂ 233
(scarlet head) brown (black) black
- 3729 ✓ *Eubucco leucocephalus* ♂ 135
(red bill) carmine (pea-green, tip yellowish, base of edge black) olive
- 3730 ✓ " " ♀ 124
- 3731 ✓ *Euchlorinis* ♀ 126
(scarlet throat) dusky yellow (black) dusky orange yellow
- 3732 ✓ *Tangara pulchra pulchra* ♀ 145
Yellow crown & wing, dark chestnut throat
- 3733 ✓ " " " ♂ 148
- * 3734 ✓ *Notracressus nigricapillus* ♂ 357
(Probably same as *Hypopyrrhus* bird)
brown (black, dusky black below) drab
- 3735 ✓ *Rupornis magnirostris* (?) ♀ 363
yellow (brown blue barably, black apically) yellow
- 3736 ✓ *Amazona mercenaria* ♀ 322
carmine (yellow white barably, black apically) drab.

at 1 P.M. July 1 - Parked up & left Sito Yawanga.
reached camp at 5.30 P.M.

Sa Pampa (outlead) July 2

Shot on Road from No 4 to La Pampa
most of which shot on lower half of road.

- ** ✓ 3737 *Pipreola ruficeps* Harris (?) ♂ 124
top: ashy crown, white supercilia; green back,
brownish-green rump; double wing bar of pale buffy yellow;
upper eyelid carmine below pale yellow, grayish or whitish
& chest: none; black, bluish base below; leaden
- ** ✓ 3738 *Knipolegus cabanisi* ♂ 179
red (pal bluish) blue, bp (back) black
- ** ✓ 3739 *Miltocercus crinitus aureiventris* ? 126
brown & cinnamon tail Flycatcher
brown (back) black
- ** ✓ 3740 *Arremon nigriceps* (?) ♂ 125
brown (black) pale brown blue
- ** ✓ 3741 *Hymenops melanosticta* ♂ 182
red brown; skin around eye silvery blue; black, brown blue
below; leaden blue.
- ** ✓ 3742 *Chlorothraupis carmoli frenata* ♂ 188
brown (black) leaden blue
- ** ✓ 3743 *Chloropipo holochlora viridissima* ♀ 140
brown (black, pale brown below) dark brown
- 3744 ✓ *Cyptorhynchus obsoletus* imm ♀ 262
Same as Bell's Parrot
brown (black, black flesh below) dark
- ** ✓ 3745 *Pteroglossus flavirostris* ♀ 365
red (old wavy, blackish, brown below, bare red front & back
with yellowish) olive

La Paruña, July 3.
I went down the trail & found up.

- * 3746^v *Cyanocorax violaceus* (?) ♀ 386
brown | black | black.
- * 3747^v *Terenurus erythrurus bicoloratus* (?) 113
brown | black, flesh below | flesh.
- 3748 ✓ *Synallaxis cabanisi* ♂ 169
brown | black, leaden below | olive
- 3749 ✓ *Solatlea schistacea* subplumbea in ♂ 167
Pileum rusty, back steel blue; tail long, wings
black, leaden brown & spots with round spot of
buff at tip; throat rusty reddish, breast broad red with
& sides & flanks & crown bluish greenish
brown | black, leaden below heavily | leaden blue
- * 3750 ✓ *Vireocariba chivi* ♂ 146
same as Bella Paruña
brown | black, below flesh below | leaden blue
- 3751 ✓ *Ptychadenia erythrocera* ♀ 176
same as Bella Paruña & Schistacea superciliosus
black; buffy ochraceous below, chest slightly olive green
rust, tail darkened; lower dark brownish, upper back
olive; fulvous olive
brown | blackish, black from behind olive
- 3752 ✓ " " " ♂ 195
- * 3753^v *Xiphorhynchus obsoletus* Chacabamba, ♀ 223
Pileum blackish, neck yellow with elongated oval
spot of ochraceous; wings & back blackish with heavy
buffy ochraceous streaks; lower back, neck & upper
tail coverts chestnut orange; tail dark chestnut
below plain ochraceous; blackish under & neck; chest
color of throat, feathers bordered with black; rest
below pale oliveaceous brown, faintly streaked with
pale buff; crown brighter brownish, also streaked
brown | pale bluish brown, base of neck dusky | leaden

- 3754 ✓ *Tangara chilensis* ♀ 162
brown | black | leaden blue

* 3755 *Tachyphonus rufiventris* ♂ 162
brown) black, mandibles leaden black/black

- 3756 ✓ *Pteroglossus flavirostris* ♂ 375
(same as the 3745).

** 3757 ✓ *Pygargus* (?) ♀
Pileum sooty, wings black; rest of body bright green
superiorly & sides of head green; chin yellow
from throat & chest sooty, feathers edged whitish, giving
sooty appearance; red below green; edges of wing scarlet
also outer median & greater coverts; outer speculum blue,
on outer web, brown) blackish brown, paler below (black)

* 3758 ✓ *Pulsatrix melanota* (?) ♀ 422
Sooty brown above, wing quills fairly barred on
both with black & whitish above narrowly barred
whitish; lower, superciliary & loral buffy & white
mixed; below & barred white & whitish-green
brown) olive yellow) yellow

3759 ✓ " " " ♂ 385
Tail stiff & barred with white

La Pampa, July 4, 1931

Man went down the road & came back at 11 o'clock in off
4 birds. I went up road back at 11:15 with 16 birds.
Day very dark, foggy & with occasional showers.

** 3760 (Tyranniscus) *Acerodon depepi zelodon* ♂ 118
Pileum grayish sooty; slight eye ring whitish; above
olive green; tail edged whitish; wings black, coverts
& tertials broadly edged & tipped with sulphur
minazine slightly, variably; throat & belly & breast sulphur,
chest sides & flanks olive yellow, inner wing coverts
sulphur straw) black, leaden below) leaden

* 3761 *Leptospizae amaroccephalos* per. ♂ 141
Brownish pileum & black auricularia = Puerto Rican.
gray-brown) black, extreme tail below flesh) leaden blue

** 3762 *Basilornis coronatus* (?) (?) 139
(= 37003) brown) blackish, dark brownish below) dusky yellow

- 3763 ✓ *Dysthampus mentalis* ♀ 123
 (= Bella Pampa)
 brown \ black, pale brown blue below \ dark blue.
- * 3764 ✓ *Phaeothlypis fulvicauda poliothrix* ♂ 137
 brown \ black \ dusky flesh.
- 3765 ✓ *Pipra caeruleicapilla* ♀ 107
 ♀ from greenish olive & midriff, belly & wing pale sulphur
 brown \ black, throat, blue above, dusky below.
- 3766 ✓ *Thamnophilus palliatus* ♂ 180
 straw \ black; leaden blue below \ leaden blue
- 3767 ✓ *Xiphorhynchus ocellatus* ♂ 220
 same as Bella Pampa - buff throat, streak black & under
 tail. brown \ pale brown blue, base above blackish (leaden)
- 3768 ✓ *Turdus nigriceps* ♂ 218
 ♂ head blackish, w/ above slaty wings & tail blackish
 edged slaty; throat & under tail white; below only
 upper & belly white; crown slaty, feathers broadly
 tipped white, nearly covering dark base
 brown - yellowish olive \ bill yellow \ feet brownish yellow
 This is ♂ of small species from Bella Pampa
- 3769 ✓ " " ♀ 213
 " blackish, mottled with yellowish \ brownish yellow
- 3770 ✓ *Phylidors erythroceros*. ♂ 188
 " brown \ blackish, bluish flesh below \ above
- ** 3771 ✓ *Kanis versicolor* ♂ 172
 brown \ black \ leaden black.
 ♀ (orange back & white scapulars)
- 3772 ✓ *Chlorothraupis carunculi* ♂ 182
 hazel \ black \ leaden blue
- 3773 ✓ " " ♀ 176
- 3774 ✓ *Chloropipo holochroa* ♂ 144
 brown \ black, dusky flesh below \ dark green
 green plumage.

3775 ✓ *Tanysira Xanthogaster brunneifrons*, ♀ 167
♀ Buffy green above, wings black green, & tail
umber, flanked down by white streaks, & white part
below base of tail, belly buffy white, neck blackish
brown (black) leaden below broadly (white)

** 3776 ✓ *Euboeas aurantillellis* ♀ 164
♀ Black green above, lower throat orange, sides of head
black, throat yellowish yellow, rest below blackish.
green & white; above olive green & lower breast, slight
irregularly whitish; orange stripe from eye to wing-coverts
around nostrils to throat; front grayish
red (white yellow, ridge blackish) white

3777 ✓ *Tangara pulchra pulchra* ♂ 147
orange below, chestnut throat; crown & neck orange.
back black, streaked with greenish yellow
brown (black) leaden

3778 " *cyanocollis* ♀ 135
brown (black) leaden

** 3779 ✓ *Pitylos grossos* ♂ 221
brown (pinkish orange) brown (black)
blue, black, front of face & chest black, with
a whitish patch of throat white

(3780) imm. Tail & wings black, wings edged color of
body, contrast with a buffy ochreous patch at tip
below dark slate; sides of head, sides, throat & breast
rich mottled brown

La Paragua, June 5

Rained all night last night & till noon today, hard, then the heavy rain went off. Starting from Bolsh (2nd dist.) it's above some started to rain again. I named off & all afternoon. Lost touch with 32 others.
2 Tachans, 1 Gryphus, 2 Orygias etc.

- ** 3770 ✓ *Thamnophilus tao* ♀ 432
brown black, flesh below, leaden blue
- 3781 ✓ " " ♂ 420
- ** 3772 ✓ *Oreopetilia bonaci* (?) ♂ 315
ruby yellow, black, purple front,
white throat, purple patch on back
- 3773 ✓ *Crypturus absconderus* imm 131 2.50
dark black, bluish black, pale blue
- 3784 ✓ *Hylepolystax punctulata* subsp (?) ♀ 113
dark slate, heavily spotted, white, black
above, spotted with buffy white, & always small white
flanks, belly & wing retractions
brown black & flesh
- 3785 ✓ " " ♀ 124
- 3786 ✓ *Ictophotisicus pileatus hypoxanthus* ♀ 102
(brown with) straw black, pale leaden blue
- ** 3787 ✓ *Sclateria solitariae* *Sobstromiana* (?) ♂ 162
gray black, brown, leaden blue
Dark slate above; wings & tail black, edged slate; many coverts
with a small white dot at tip; below pale slate gray, imm. very
white slate
- 3788 ✓ *Mycocerculus* (?) ♀ 120
gray black, pale brown, apically brown
below black, white, same, but brown; tail wings black
(see below no. 3779)
- 3789 ✓ *Thamnophilus s. schistaceus* ♂ 151
red brown black, leaden blue below, leaden blue

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- 3804 ✓ *Eubucco aurantiiicollis* ♀ 160
 (Cogn. 3726) red | olive yellow | pale yellow | olive
- 3805 ✓ *Ramphocelus atrosericeus* ♀ 185
 brown | blackish brown | dark blue
- 3806 ✓ *Chloroceps iguana* ♂ 165
 pale grey | black, leaden blue below, leaden blue
Labels written to here
- Sa Panjha, July 6
 I stayed in today to skin birds. Found some work
 to do, dined at 12³⁰ with Robert.
- 3807 ✓ *Dasylophus mentalis* ♂ 124
 brown | black, leaden blue | leaden blue
- 3808 ✓ *Myiotherus villosus* ♀ 151
 sulphur - same as Bell's Kingbird
 brown | black, flesh below | leaden
- 3809 ✓ *Basileuterus coruscus* ♂ 150
 brown | black | dusky yellow
- 3810 ✓ *Sclateria schistacea* subplumbea ♂ 158
 brown | black, fine metallic, below | leaden blue
- 3811 ✓ *Xiphorhynchus ocellatus* ♂ 218
 brown | pale leaden blue, black white face blue | green leaden
- 3812 ✓ *Chlorothraupis carunculi* ♂ 185
 brown | black | leaden
- 3813 ✓ *Turdus nigriceps* ♂ 223
 Slaty back brown | yellow | pale yellow
- 3814 ✓ " " ♀ 218
 brown | dusky yellow | dusky pink
- 3815 ✓ *Tangara poecilia* ♀ 140
 chestnut throat brown | black | leaden
- *3816 ✓ *Electron platyrhynchos* ♂ 364
 brown | black, tip pink | black

La Paripa, July 7.

Rain again last night & dark & foggy this morning
I ran west down the bank & I went up working
along river & in vegetation. Not far. 14 birds.

- 3817 ✓ *Peguncticulus ottensis* ♀ 105
brown & black, leaden blue below
- * 3818 ✓ *Nicocænus marginatus* ♂ 133
brown & black, streaked black below face (brown above)
- 3819 ✓ *Vireo sybira obirii* ♂ 151
(same) brown & black, bluish flesh below
- * 3820 ✓ *Synallaxis macroura* (?) ♀ 172
Dark brown plumage & facia wings chestnut rufous &
tail dark rufous, below light cinnamon brown, throat
white & flanks darker brown.
Moyet black, leaden blue below (not same brown)
- 3821 ✓ *Sclateria schistacea* subplumbea ♀ 161
♀ Dark cinnamon brown above, wings & tail black,
downs cinnamon brown, breast cinnamon orange &
with cinnamon rufous spot at tip; blue
trig (chestnut rufous), flanks cinnamon rufous.
brown & black, leaden blue below (not same brown)
- 3822 ✓ *Cercococcyx serva* ♂ 162
brown & black & leaden blue
- 3823 ✓ " " ♂ 166
- 3824 ✓ " " " ♀ 161
♀ brown & black, vent. flesh blue
grayish brown above, concealed white & below. Light
cinnamon rufous.
- 3825 ✓ *Arenaria tridactyla* ♂ 120
brown & black & leaden blue
- * 3826 ✓ *Dacnis aequata* arcangelica ♂ 122
Metallic black above, crown, scapulars, wings & upper
tail with bright silvery blue; throat breast & sides blue,
middle of breast pale cinnamon rufous.
yellow & black, leaden blue below (not same)

- 3827 ✓ *Glyphaethia spirorus* subsp. (?) 148
brown\black, pale brown below, dark tips
- 3828 ✓ " " " ♂ 157
- * 3829 ✓ *Tarzona schraetzi* T.M.B. ♂ 134
middle of crown, rump & median part of lower throat
chart & upper breast yellow, rest below green; front
line of sides of head black; a tuft of greenish feathers in front
of eye; vane, black, streaked with green
brown\black, pale brown below, darker
- 3830 ✓ " " " ♂ 132
- 3831 ✓ *Turdus migriceps* ♂ 214
all above brown\yellow\yellow
- 3832 ✓ *Pyrhura* ♀ 269
(= 3757) - brown\bluish green, pale olive below\black
- * 3833 ✓ *Pionops menstruus* ♂ 287
brown\red brown, blackish brown apically\rusty brown
- ** 3834 ✓ *Phaeoptilis (Pygmorenis) rober longipennis* ♂ 104
below dusky, streaked with buff; back bluish green,
rump & upp. tail coverts cinnamon; tail brownish brown
above, darker below, & tipped with ochraceous; tail wedge
speckled, middle feather rusty brown & grey below with faint
yellowish buffy reticulations, black spot on each tip made of
dark brown, faint cinnamonaceous
- 3835 ✓ *Trogon violaceus erythrurus* ♀ 104
brown\black, dull white, pale blue-black
- 3836 ✓ *Thamnophilus schistaceus* ♀ 157
♀ light brown above, plumbeous uniform; tail
brownish black, dusky; below grayish brown, pale
buffy & streaked with dark & irregular & darker areas
blue & black
- 3837 ✓ *Cercomacra serva* ♀ 156
as no. 3822

- ✓ 3838 *Trochocercus erythronotus* ♂ 165
 brown black, rump. rump leaden blue black
- ✓ 3839 *Banio versicolor* " ♀ 171
 — black leaden black
- * 3840 ✓ *Cranioleuca guttata* (?) T.M.E. ♂ 162
 brown above, pale below, tail brownish, white
 below, lower on quills yellow olive & superciliary
 sides & breast streaked with dark buffy straw
 finely speckled with black, less so on breast at
 yellow (blackest, dull horn color) yellowish olive
- 3841 ✓ *Tangara schrankii* ♂ 132
 (See 3829) brown black, leaden blue
- 3842 ✓ " " ♂ 143
- 3843 ✓ *Turdus nigricans* ♂ 210
 (blue wing brown) yellow (clear brown)
- La Pacifica, Aug. 8
 first singing bird was a small dark bird, the
 first few were green went down the hill side
 dark up nearly to the th. grit 25 birds, back at 1215.
- 3844 ✓ *Hylophylax punctulata* (subsp.?) ♀ 120
 brown black plum.
- 3845 ✓ " " " " ♀ 124
- 3846 ✓ " " " " ♀ 120
- 3847 ✓ " " " " ♂ 123
- 3848 ✓ *Dysithamnus mentalis* ♂ 127
 brown (dark) leaden blue black
- 3849 ✓ " " " " ♀ 128
 — (pink flesh below)

[96]

♂ 119

** 3850 ✓ *Polyplaneta avrescens*

Brown; green about below; front of pelvis with wedge-shaped glittering blue spot; dark upper throat black; broad band of golden illumination across breast; tail purplish chestnut tipped green; middle rectrices green
black) dark base

3861 ✓ *Thalurania tschudii*

♀ 106

black) dusky flesh

* 3852 ✓ *Myrmadorex hemimelaenus*

♂ 130

brown (black) leaden blue

3853 ✓ "

♀ 131

3854 ✓ *Sclateria schistacea subplumbea*

♂ 165

brown (black, dark leaden below) leaden brown

3855 ✓ "

" "

♂ 166

3856 ✓ "

" "

♀ 164

3857 ✓ *Thamnistes anabatinus rufescens*

♂ 160

gray (black, blue flesh below) bluish slate

* 3858 ✓ *Leucolepis modulator salvini*

♀ 136

band wing & tail, bluish black

brown (black; flesh below normally) dark slate

** 3859 ✓ *Peganotriches orbitalis* T.M.E.

♂ 117

Pelvis ashy gray, eye ring pale yellow; double ring on gular;
green above yellow below, obscure on chest.

brown (black, flesh below) leaden blue

3860 ✓ *Leptopeplus superciliaris*

♀ 143

brown (black) leaden blue

3861 ✓ *Myiobius villosus*

♀ 148

sulphur wing brown (black; flesh below) leaden

3862 ✓ *Tachyphonus rufiventris*

♂ 160

brown (black, mand. semi-leaden blue) dark slate

- 3863 ✓ *Nycticorax ornatus* ♀ 134
 brown black black
- 3864 ✓ " " " ♀ 131
- 3865 ✓ " " " ♂ 132
- 3866 ✓ *Vireolanius leucotis* (?) ♂ 154
 greenish yellow black, leaden blue below brown
- 3867 ✓ " " " ♀ 155
 greenish gray black brown
- 3868 ✓ *Turdus migratorius* ♀ 216
 brown blackish brown brown
- 3869 ✓ *Phylloscopus erythrocercus* ♀ 172
 cinnamon & chocolate throat
 brown blackish, dusky plumbeous black
- 3870 ✓ *Actenodera octopectoralis* ♀ 205
 brown black, golden olive brown
- * 3871 ✓ *Tyrannetes stolzmanni* ♀ 96
 white bellied, straw black, black black black
- 3872 ✓ *Chlorothraupis carunculata* ♂ 191
 brown black black black
- 3873 ✓ " " " ♀ 176
- * 3874 *Tangara* — (B) (not on list.) ♀ 122
 Whole head neck, throat & breast green, ^{capitulum}
 black, edges green, on wings yellowish pink on back
 blackish green stripes; rump & upper tail coverd. plum.
 olive green; tail & wings black, tail edges pink,
 wings coverd w. brilliant heavily edged blue green; forewing
 blue; sides & flanks blue green, breast belly & vent
 bright yellow; under wing greenish white, lower
 fringed yellow
- brown black, down blue below leaden blue
- * 3875 ✓ " " " ♀ 124

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♂ 136

3876 ✓ *Tanagra schranki*

brown \ black, leaden blue (nearly black) leaden blue

3877 ✓ *Chloropipo holochlora viridior*

brown \ black, pale leaden below \ dusky here.

♂ 142

3878 ✓ *Pipra coeruleicauda*

brown \ black, leaden blue \ blackish here

♂ 104

3879 ✓ *Tanagra xanthogaster brunneifrons*

brown \ black, brown blue & black (dark leaden)

♂ 125

** 3880 ✓ *Cephalopterus ornatus*

white \ black, leaden blue below \ black

♀ 455

** 3881 ✓ *Trogonurus boliviensis?* not on list

brown \ pale brown blue \ dark brown

♂ 266

(see descr. below)

* 3882 *Scapularus trachelyopterus*

white \ pale whitish brown, ridge dusky \ leaden blue

♀ 345

(3871) free, eye region + upper throat black, rest of head + chest purplish; back bronze green, rump bluish green; tail rusty green above; wings black, median greater coverts & quills with broken white edges; lesser coverts & tertials finely vermiculated with white on black base; red below; Tail black, two outer rectrices regularly banded in black rump with white + with white tip; also narrow short white bars on edge of inner rectrix.

La Pampa, July 9

Cloudy & misty this morning - I stayed in the skin out of yesterday's birds (14) I soon went down the trail. I walked out about 9 o'clock for a half hour, then cleared off again.

3883 *Pogonotriccus orbitatus* T.M.E ♂ 117
(= 260-3859) brown \ black, pink below \ leaden blue

3884 ✓ *Nymphaea laemigaster australis* imm ♂ 117
brown \ black, black pink below \ leaden blue

3885 ✓ *Vireo sylva chivi* ♂ 146
brown \ black, pink flesh below \ leaden blue

3886 ✓ *Automolus ochrolaemus* ♂ 203
brown \ olive yellow, ridge streaked \ olive

3887 ✓ *Xiphorhynchus ocellatus* ♀ 211
brown \ pale brown, blackish at base, below bluish flesh \ olive leaden

3888 ✓ *Chlorothraupis cinnamomea* ♂ 184
brown \ black \ leaden blue

3889 ✓ *Tangara schrankii* ♂ 135
brown \ black, pink at base below \ leaden blue

3890 ✓ " " ♀ 141

**
3891 ✓ *Cuculus melanurus* ♂ 322
brown, eyelid salmon \ orange yellow \ brownish base

3892 ✓ *Cyanocorax violaceus* ♂ 365
brown \ black \ black

3893 ✓ " " ♀ 320

La Pampia, July 10

I. early - took first at 5³⁰. Man went down below 14 feet.
I went up above & got 29. Back at 12³⁰.

* 3894 ✓ *Erythrolaemus meridionalis* ♀ 470
brown) orange, ridge black) dusky orange and

3895 ✓ *Hylophylax naevius* subsp? ♂ 125
brown) blackish flesh.

3896 ✓ " " " ♀ 125

3897 ✓ *Dysthampus mentalis* ♂ 132
brown) black) green blue

3898 ✓ " " " ♀ 126

3899 ✓ - black, pale brown blue below) — ♀ 125

* 3900 ✓ *Myrmotherula erythura* ♀ 122
brown above with chestnut patch on back.
brown) straw) black) leaden blue

3901 ✓ *Leucosticte taeniata sativa* ♀ 141
barred wings & tail) brown) blackish, flesh below hardly) dark hair

3902 ✓ *Myrmotherula hemimelaena* ♂ 129
- brown) black) pale leaden blue

3903 ✓ *Pogonotriccus orbitalis* T.M.E. ♂ 120
(same as 3859) brown) black, flesh below) leaden blue

** 3904 ✓ *Microrhopias quixensis bicolor* ♂ 142
♂ black, with white shoulder tips to wing coverts; black on tertiaries largely white, ♀ black above, chestnut below
brown) black) leaden blue

3905 ✓ " " " ♀ 138
brown) black, sides leaden blue (leaden blue)

3906 ✓ *Cercomacra serva* ♂ 158
brown) black) leaden blue

3907 ✓ " " " ♀ 156
- black, pink below) —

- 3908 ✓ *Arremon nigriceps* ♀ 158
 brown black bluish flesh.
- * 3909 ✓ *Thamnomanes caesius schistogynus* ♂ 162
 brown black, bluish tinge at base below dark leaden
 dark slate above, pale slate below; concealed
 white on back, no marks on wings or tail; greater under
 wing coverts whitish
- 3910 ✓ " " → ♀ 161
 ♀ like ♂, except entire brown part, from shoulder down,
 chestnut rufous.
 brown black, flesh below leaden blue
- 3911 ✓ *Sclateria schistacea subplumbea* ♂ 172
 brown black, leaden blue below, base black leaden
- 3912 ✓ " " " ♂ 170
- 3913 ✓ " " " ♀ 165
- 3914 ✓ *Myiotheretes ornatus* ♂ 142
 brown black black;
- * 3915 ✓ *Picumnus aurifrons* ♀ 95
 whole fulvous black, thickly dotted with white;
 rest above olive; tail black; middle rectrices white on
 inner web & rest with white band on outer web,
 which extends onto outer web before tip is reached,
 leaving tip black; throat olivaceous white, chest barred
 with black & olivaceous white, rest below same color,
 streaked with black; underwing coverts & under
 edge of quills below buffy white.
 brown leaden blue, ridge stiff black(?) leaden
- 3916 *Petastrix melanotos* ♂ 405
 brown olive yellow acrid yellowish
- ** 3917 ✓ *Petastrix sylviae* (?) descript. ♂ 136
 crown & nape greenish brown; back brownish brown
 tinge & tail olive; throat white, rest body yellowish olive
 brown streaked, flesh below black brown

[99]

- * 3918 ✓ *Hypocnemis flava* *cincta* subflava ♂ 137
 head green, with white supercilium; median stripe yellow
 below, flanks, & belly, whitish streaked with black,
 wings & tail black tipped white. - Remane.
 brown) black, blackish pink below) olive
- 3919 ✓ *Eubucco exanthematus* ♂ 160
 ♂: Nape dark brown followed by narrow sulphur band
 then cream. This at first with grey base followed by
 sulphur yellow, which changes to orange & carmine; green along bottom
 of tail. red) olive yellow) leaden blue.
- 3920 ✓ *Pacnis angelica arcangelica* ♂ 129
 * (front back) yellow) black, leaden blue) dark center
- * 3921 ✓ *Aethopyga rubiginosa watkinsi* ♂ 228
 front back green, with yellow stripe, dark about
 nape; auricular brown, rest of sides of head & neck
 with cinnamonaceous; black of all remaining feathers
 slightly edged with dusky; back & wings dark with brown
 rump & tail black; white among coverts & lining
 wing (except tip of primary) pale cinnamon;
 below: olive brown, sides & flanks dark brown, longer
 under tail with ferruginous
 brown) blackish, olivaceous pink below) olive
- 3922 ✓ *Tachyphonus rufiventris* ♂ 168
 brown) black; leaden base, upper tail black
- 3923 ✓ *Glyptocephala cyanoptera* ♂ 166
 brown) black, pale brown below) dark brown
- 3924 ✓ *Callidula terminalis* ♀ 233
 * brown) black) dirty olive yellow
- 3925 ✓ *Picota ptes* ♂ 225
 brown) pale bluish brown, edged w/ leaden
- 3926 ✓ " " ♀ 221
- 3927 ✓ *Chlorostrephus carmineus* ♂ 180
 brown) black) leaden brown
- 3928 ✓ " " ♂ 180
- 3929 ✓ " " ♂ 192

- 3930 ✓ *Tanagra* [✓]
 (♂ 3614) brown black, back, tail, head, breast, underparts
 ♂ 133

3931 ✓ " *schrankii*
 brown black, pale brown wings & tail (white blue)
 ♂ 147

3932 ✓ " "
 ♀ 145

3933 ✓ " *Cyanerpes cyaneus* (?)
 mostly brown, pale cinnamon wings, black back streaked
 below, very easily confused showing tail very broad, black
 band wider than blue, breast & black, upper parts
 brown black, tail
 ♂ 144

3934 ✓ " "
 ♀ 132

3935, ✓ *Tanagra xanthocephala*
 brown black, back, tail, head, breast, underparts
 ♀ 116

* 3936 ✓ *Pyrrhura picta lucianii*
 front eye yellow streaks, patches dark brown, back
 yellow, following sides of breast yellow streaks
 brownish, sides of neck small yellow, feathers black,
 edged yellowish olive; below base of wing visible of
 breast & belly becoming crimson (scarlet), last pair of
 above blackish, rest white, underparts white
 brown blackish brown (black)
 ♀ 250

La Pampa, July 11

3937 ✓ *Galbulia fimbriata*
 brown black, underparts yellow
 ♂ 232

3938 ✓ *Mystacizus ornatus*
 brown black, black
 ♀ 126

I did not go out today at all. We took dinner
 here till about 2 P.M., then I wrote up all
 the labels, to date & draw myself out shooting
 at 3 P.M. - only 2 birds.

[100]

La Pampa July 12.

Ivan stayed in today to label birds, I went down the valley - back at 12:30 well 16 birds.

- * 3939 ✓ *Leptoptila rufa pallidiceps* ♂ 287
gray | black | pinkish blood
- 3940 ✓ *Pteroglossus flavirostris* ♀ 370
red | old ivory, tawny black; below pale brown, yellowish
barely & sparsely | olive
- * 3941 ✓ *Myiotheretes* ~~spinosus~~ ♂ 90
brown | black, bluish flesh below | olive
- 3942 ✓ *Acrochordopus (Tyranniscus) zelodoni* ♀ 108
brown | black, leaden below | dark leaden
- 3943 ✓ *Hypocnemis lutescens subflava* ♂ 124
brown | black, pale brown blue below | olive yellow
- 3944 ✓ *Hylophylax naevius punctatus* ♂ 128
brown | black | flesh
- 3945 ✓ " " ♂ 127
- 3946 ✓ *Arremon nigrirostris* ♀ 157
brown | black | pale bluish flesh
- 3947 ✓ *Syndactylus maracandicus* (?) ♂ 170
brown | black, tawny blue below | pale leaden blue
- 3948 ✓ " *cabanisi* ♀ 166
red brown | black, leaden blue below | leaden olive
- 3949 ✓ *Thamnomanes caesius* ♂ 158
brown | black | leaden black.
- 3950 ✓ " " ♀ 154
— black, pale brown below | leaden black.
- 3951 ✓ *Vireo sybiliae* ♂ 143
brown | black, pinkish flesh below tawny | leaden

- 3952 ✓ *Xipholena atropurpurea* ♂ 216
brown) pale bluish flesh, blackish tail & alrly alrly olive
brown) black, pale brown below) darkly brown
wooden
- 3953 ✓ *Chloropipo boliviensis viridissima* ♀ 137
brown) black, pale brown below) darkly brown
wooden
- 3954 ✓ *Tangara pulchra* ♂ 147
brown) black) wooden

Huacamayo, July 14.

[101]

- Janet went down trail from bridge - 11 birds.
I went on track into forest on opposite side of river
- ** 3955 ✓ *Todirostrum polchellum* (?) 107
Black above, wing coverts with long yellow tips; r.
tail & edges of pale yellow; throat white, yellow below
brown (black) leaden blue
- ** 3956 ✓ *Todirostrum chrysocrotaphum*. ♂ 95
R. above & wings black, wide yellow postocular superciliary;
rest above olive; tail & wings black, edged olive; below
yellow, yellow
brown (black) leaden blue
- 3957 ✓ *Pogonotriccus orbitalis* T.M.E. ♀ 118
brown (black), flesh below (pale) leaden flesh
- 3958 ✓ *Myiophobus fasciatus* ♀ 125
brown (black), flesh below (black)
- 3959 ✓ *Myiobius atrogularis* ~~squamipennis~~ ♂ 91
brown (black), flesh below thin
- * 3960 ✓ *Ramphocelus cinnamomeus peruviana* ♂ 115
brown (black) blue; blue below leaden blue.
Sides of head black, throat white; pale below
- * 3961 ✓ *Myiobius atrogularis* ♀ 116
♀ Throat black, feathers tipped grayish white.
brown (black) leaden below (pale) leaden blue
- 3962 ✓ *Myiobius atrogularis* ~~erythropygia~~ ♂ 122
chestnut back.
brown (black) white (tunica) leaden (leaden)
- 3963 ✓ " " " ♂ 124
- 3964 ✓ *Myiobius coronatus* T.M.E. ♂ 132
brown (black) (white) black
- * 3965 *Myrmoborus myiotherinus* ^{melanopterus (?)} ♂ 139
and white grayish brown above, sides of head black, grayish
white below, wing coverts black, tipped white
brown (black) leaden blue

- 3966 ✓ *Nymphargus pseudocorona* ♂ 130
 brown/black / leaden blue
- 3967 ✓ " " " ♀ 126
 " " " yellowish brown, yellow flesh
- 3968 ✓ *Kiresoysia chisi* ♀ 135
 brown/black, black greenish yellowish
- 3969 ✓ *Limnephila getherata* ♀ 160
 dark speckled black & cream, yellow cream, black and
 white. brown/black, following black shiny
- 3970 ✓ *Niphargus celticus* ♂ 221
 brown pale brown blue, tan of may, blackish grey
- * 3971 ✓ *Asterochelus* ♂ 206
 black brown above, yellowish cream below, fine all
 over cream & brown, clear bright brown, mottled,
 buffy brown below, orange yellowish brown
 brown/black, olive black blue / olive
- * 3972 ✓ *Thripadectes (3)* ♂ 194
 both brown above & below. black above, & black
 of both pale, very bright yellowish yellowish
 & black, brown black & clear blue brown, well
 defined white feathering below. buffy brown & cream
 cream
- brown/black, yellowish cream below mostly/
 dark blue
- 3973 ✓ *Pania versicolor* ♀ 166
 brown/black / dark reddish
- 3974 ✓ *Tanagra schranki* ♀ 135
 brown / black, reddish blue blue / leaden blue
- * 3975 ✓ *Asterochelus* ♂ 223
 brown/black / pale tan
- 3976 ✓ " " " " ♀ 250
 gloomy blue
- 3977 ✓ *Gallinula chloropus* ♂ 223
 brown / black / olive yellow

[102]

- * 3978 ✓ *Tripsurus crenatatus* ♂ 208
 Head & neck white, back, buffy yellow
 pink scales, striped patch on breast & belly
~~yellow\black~~ black
- 3979 ✓ ♀ 205
- 3980 ✓ *Sitopelma trachelopagis* ♂ 350
~~yellow\black~~ black, ridge dark, dark
 blue brown
- ** 3981 *Neomorphus goeffroyi* ♂
 Big buckoo
 brown

Huacamayo, July 15.

I went into forest on a tributary of Amazon, beside river
 road & bush road. Found several down along road! Heard

- 3982 ✓ *Myrmotherula erythronotos* ♀ 123
 chestnut back brown black, tormae leaden, leaden blue

- 3982 # See No. 4020. ♀ 129

- ** 3983 ✓ *Eusearchomoris* T.M.E ♂ 129
 dull olive above, grayish brown on side of head, sides of neck,
 chest, sides & flanks, throat whitish also belly, crimson
 buffy yellow; edge of bend of wing & under coverts bright
 sulphur brown black, flesh below pale leaden blue
 ↓ lower white.

- 3984 ✓ *Thamnophilus* ♀ 153
 Rufous cap, dark brown above, wings brown & tail
 below brownish olive brown, bright as belly, & dark on
 breast & sides, hazel black, blue below leaden blue

- 3985 *Nicocerculus marginatus*. ♂ 127
 brown black, dusky flesh below mainly dark brown

- ** 3986 ✓ *Pachysylvia schracciceps, viridior (?)* ♂
 Crown dull rufous, rest above olive; throat grayish
 white; throat yellowish olive, abd. grayish olive,
~~white~~, marked with yellowish,
 white blackish, flesh below white

- 3987 ✓ *Pachyxyloula* - ♂ 128
 same as No. 3912.
 brown (black) very black below) black. blue
- 3988 ✓ *Alycaphobus fasciatus* ♂ 140
 brown (black) blackish black
- 3989 ✓ *Muscicapa solitaria* ♂ 141
 brown (black) blackish black " largely black
- * 3990 ✓ *Neochelidon grisiventer*. (B) 133
 Swallow: Sooty above, green black back, also tail, blue
 pale sooty; white under parts pale grayish brown
- 3991 ✓ *Stelgidopteryx ruficollis* ♂ 146
 brown (black) black.
- ** 3992 *Gallinaria* - (Gull-billed) ♂ 156
 brown (black), black below (a little) pale leaden blue
 when fresh dark reddish brown wing and brown
 below white, black feathers broadly edged with
 light brown; feathers gray, crimson brown
 under wing with bright crimson patches.
- * 3993 ✓ *Calongia cotonosifrons* T.N.E. ♂ 290
 brown (black) black.
- 3994 ✓ *Tachycineta thalassina* rotundata ♂ 163
 brown (black); leaden blue on around. rump black
- * 3995 ✓ *Myrmeciza fortis* ♂ 191
 Black and brown, naked blue eyering - yes up.
 red brown (black) black.
- * 3996 ✓ *Philydor ruficaudatum* ♂ 184
 olive olive, tail cinnamon; black yellow
 below buffy yellowish brown, black brown
 under wings mostly bright yellowish.
 breast blackish / pale olive brown below / olive
- 3997 ✓ " " " " " ♀ 175
- 3998 ✓ *Trochilus nigriceps* ♂ 206
 brown (dusky yellow) dusky yellow

3999 *Tangara chilensis*
brown | black | brown

♀ 152

* 4000 *Cryptopipia obsoleta* T.E. ♂ 273
brown | black, bluish black below | black

4001 ✓ *Ortalis guttata atropurpurea* ♀ 490
777 brown | reddish brown, face blackish | white & black

Huacamayo, July 16

Rained all night & last night & till 3 o'clock today. We walked out of it from foot to neck. Found 2 sets of tracks of 3 different species. Found a short trail - got 8

* 4002 ✓ *Clais guimeti* ♂ 90
Hummer like, green above blue below; green above, black grayish green, rest below pale gray; tail below orange green with broad black band, ends in slight white tip black | blackish

* 4003 *Aegithina* ♀ 100
green above, wings & tail coppery bronze; median line of body below white, sides green; tail below bronzy copper, tips grayish with on 3 outer feathers black, flesh below, tip black | black.

* 4004 ✓ *Florisuga mellivora* ♂ 130
black | black

4005 *Dicaeum eurynome flavescentes* (3) ♀ 131
brown | black, blunt flesh below | yellowish blue

* 4006 ✓ *Myiochanes* ♀ 144
ashy gray above, below rusty; wings & tail blackish green, blackish slightly dusky whitish; breast grayish white, chest brownish ashy; belly yellowish white, upperparts whitish brown | black, flesh below | black

4007 ✓ *Syndallax is maranonicus* ♀ 167
gray | black, backer blue below | dusky blue

- * 4008 *Aegithina tiphia schlegelii* ♂ 201
 { no 3921 in brown \ blackish, some yellow below } brown
- 4009 ✓ *Bucco (Argus) macrodactylis* ♀ 170
 crown brown, back brown, slightly speckled. Throat and
 upper breast pale cinnamon, lower throat white; sides of
 breast cinnamon or light orange-brown. Below, white
 belly, faintly mottled with blackish.
 Brown \ black \ leaden blue
- 4010 ✓ " " " " ♂ 165
- * 4011 ✓ *Taraba major melanurus* ♂ 218
 (cinnamon) black \ leaden blue
 back above, white below, wing coverts tipped
 with black.
- 4012 ✓ " " " " ♀ 212
 ♂ chestnut above, wing coverts plain
 —\ black, leaden blue below —
- 4013 ✓ " " " " ♀ 215
- * 4014 ✓ *Pachyramphus polychopterus niger* ♂ 167
 white body black, crown metallic; wing coverts
 black white, also tail; crimson precipitated beneath white
 brown \ leaden blue \ leaden blue
- 4015 *Pitylus fuliginosus* ♂ 227
 brown \ dark red and blackish brown
- ✓ 4016 *Tangara cyanicollis* ♀ 135
 brown \ black \ leaden blue
- 4017 ✓ " *chilensis* ♀ 154
 brown \ black \ leaden blue
- 4018 ✓ " " " " ♀ 162
- ✓ 4019 *Tachuris rufiventris* ♂ 105
 blackish, white throat, yellow below
- { 4020 ✓ *Microtropis quixensis* (?) ♀ 138.
 (=3982a) brown \ black \ leaden blue

[104]

4021 ✓ *Muscicapa icteria* *flavivertex*
brown (dark, flesh below) black.

♀ 142

4022 ✓ *Syrrhaptes paradoxus*
brown (black, dark blue below) pale yellow blue

♀ 155

4023 ✓ *Xenops tenuirostris*
brown (dark, flesh below) leaden blue
brown (black, flesh below) leaden

♀ 124

4024 ✓ *Pycnonotus robinensis* (?)
grayish brown above, throat gray; below white, heavily
streaked with gray; vent grayish yellow, wing coverts
buffed & tertials mainly edged with white.

♀ 145

4025 ✓ *Pachyramphus polychopterus niger* ♀ 163
♀ of no 4014 - brown above, yellowish below, edges of
wings fulvous, wing edges with cinnamon patches.
brown (blackish white flesh below) leaden

♀ 163

4026 ✓ *Stresemannia flavirostris*
(var. sp.)

♀ 325

Hanover Augt., July 17.

Rain again last night, now about 7 AM we started
it down, intended to home till 9 AM, we found again
that we had to fly long time all the way
so we were off at 8 - just 6.

4027 ✓ *Leptoptila rotatilla*
brown (dark) purple-black

♀ 220

4028 ✓ *Trochocercus ethiopicus orbitalis* ^{T.M.E.} ♂ 120
brown (dark) flesh below) leaden blue

4029 ✓ *Acanthorhynchus tenuirostris* ♂ 115

Tyranniscus straw (dark, leaden below) leaden

4030 ✓

♂ 113

4031 ✓ *Thraupis palliata sebastiana* imm. ♂ 148
grayish brown (dark, leaden below) leaden blue

4032 ✓ *Thraupis cäsius* ✓ ♂ 156
brownish blue

4033 ✓ *Myrmoborus myiotherinus melanopterus* ♀ 141-
brownish blue above, wings & tail black,
remiges with white edges, belly gray, wing coverts
black tipped with buffy-white, back & crown
head & sides of neck blackish brown with a
narrow black band around lower eye; rest
below buffy-chestnut
brown black from the belly leaden blue

4034 ✓ *Neochelidon griseiventer* ♀ 135
brown black blackish

4035 ✓ *Attila fasciata* ♀ 156
Satin blue black with white and orange
breast brown black blackish

4036 ✓ *Ceryle maxima* (developed) ♀ 111
brown black leaden

4037 ✓ *Tatia major melanura* ♀ 10
carmine black leaden black leaden

Huacamayo, July 18.
Cloudy this morning. Walked about 3 miles down
trail & got caught in terrific rain about 11 o'clock, got
15 birds. Quail went down also. got 7 birds with Cray.

4038 ✓ *Mitva mitva* ♀ 895
96 brown salmon scarlet yellowish salmon

4039 ✓ *Myrmotherula axillaris melaena* ♂ 113
brown black leaden blue

4040 ✓ " " " " ♂ 116
brown black pink below

4041 ✓ *Myrmotherula brachyura* ♂ 125
brown black, brown leaden blue

4042 ✓ *Pagonotriccus orbitalis* T.M.E. ♂ 119
brown black flesh color pale leaden blue

- 4043 ✓ *Hylophylax* same as *Hapaloptila*. brown (black) flesh ♀ 125
- 4044 ✓ *Thamnophilus schistaceus* (?) brown (black), body & blue below (leaden blue) ♀ 147
- 4045 *Myrmecocichla myiotherinus* ♂ 141
Ant Hawk = ♂ of no 4033 brown (black) leaden blue
- ** 4046 ✓ *Sublegatus modestus* (?) 138
brown (black) black
- 4047 ✓ *Pachysylvia ochraceiceps viridior* (?) 123
white (black), bluish flesh below (pale leaden blue)
- * 4048 ✓ *Formicarius analis* ♂ 198
brown (black) pale brown
- ** 4049 ✓ *Mackenziaena unduliger* (?) ♀ 248
straw (black), bluish flesh below (pale leaden blue)
- * 4050 ✓ *Xiphorhynchus obsoletus palliates* T.E. ♂ 242
brown (black), bluish flesh below (leaden blue)
- 4051 ✓ " " " ♀ 222
- 4052 ✓ *Automolus ochrolaemus* ♂ 199
brown (black), thin yellow below (blue)
- * 4053 ✓ *Dacnis cayana glaucoptera* ♀ 133
red (black), flesh below barely (brownish flesh)
- * 4054 ✓ *Tangara gyrolaides catherinæ* ♂ 144
brown (leaden blue), pale blue below (leaden blue)
- ** 4055 ✓ *Megarhynchus pitangua* ♀ 235
brown (black) black
- * 4056 ✓ *Cissopis leveriana minor* ♀ 276
yellow (black) black
- * 4057 ✓ *Chrysococcyx* (?) ♂ 109
crown blue, back green, tail & upper coverts shining coppery
gleaming blue-green below, back bronze green, crown coppery
edged gray black, flesh below black

~~3 Dec~~ ✓
4058 *Glyphaetynchus spirurus* ♀ 144
brown\black, pale brown below (rarely) leaden

Huacamayo, July 19.
Rained hard again last night & nearly all forenoon,
finally at 11 o'clock we went out, a little drizzle, then
clouded up & rain again about 3 P.M. I went
down to Chacara & then down trail, got 10 birds.
Then went up, got 7, but 2 not good.

4059 ✓ *Cercomacra serva* ♂ 152
brown\black\leaden blue

4060 ✓ " " ♂ 160

4061 ✓ " " ♀ 150
—\black, flesh below)

4062 ✓ *Microbates cineraceiventris* ♂ 120
brown\black, whitish flesh below\leaden blue.

4063 ✓ *Nymphaea rufa atrogularis* ♂ 121
brown\black, leaden blue below\leaden blue

4064 ✓ *Phragopelia cantator* ♂ 160
brown\black, leaden blue below\dusky brown

4065 ✓ *Sporophila luctuosa* ♀ 125
brown\brown blue \leaden brown

4066 ✓ *Tangara cyanotis* ♂ 135
brown\black\leaden

4067 ✓ *Tangara* ♂ 125
small yellow belly, dark brown
— brown\black, leaden blue below\leaden blue

4068 ✓ " " ♀ 122

4069 ✓ " " ♂ 124

4070 ✓ *Pycrocephalus rubineus* (?) ♂ 148
brown\black\ black.

[106]

* 4071 ✓ *Myiozetetes similis connivens* ♂ 197
 brown \ black \ black.

● 4072 ✓ " " " ♀ 187

4073 ✓ *Argicus (Bucco) macrodactylus* ♀ 172
 red \ black, \ leaden

Huacamayo, July 20.

Quan went down trail towards Candamo, -
 I worked the chacra down between the rivers &
 then came back up & worked river & mountain
 along road above down - got 23 birds - total 10 32

4074 ✓ *Clais guimeti* T.E. ♂ 85
 black \ black.

4075 ✓ " " T.E. ♂ 89

● 4076 ✓ " " T.E. ♂ 92

4077 ✓ *Sporophila luctuosa* juv ♂ 120
 brown \ black, leaden blue below \ leaden

4078 ✓ " " ♀ 118

4079 ✓ *Myrmotherula melanostoma* ♂ 133
 brown \ black \ pale leaden blue

4080 ✓ " " ♀ 127
 — \ — ; leaden blue below \ —

* 4081 ✓ *Myrmoborus leucophrys* ♂ 138
 brown \ black \ leaden blue

● 4082 ✓ *Thamnomanes caesius* ♀ 154
 brown \ black, black flesh below \ leaden

4083 ✓ *Myrmoborus myiotherinus* ♂ 141
 And Thrush = 4045
 brown \ black \ leaden blue

- 4084 ✓ *Phaeoptilus cantator* ♂ 155
 gray (black, leaden blue below, pale orangey) leaden blue
- *4085 ✓ *Thamnophilus deliatus subdiatus* ♂ 177
 straw (black, leaden blue below) leaden blue
- 4086 ✓ *Waris versicolor* ♂ 175
 brown (black) blackish blue
- 4087 ✓ " " " ♀ 161
- 4088 *Automolus* ♂ 213
 - 3971 brown (blackish, pale olive yellow below) olive
- 4089 ✓ *Chiroxiphia pareola boliviensis* juv ♂ 136
 brown (black, brownish flesh)
- 4090 *Pipra cayana leucopis* (?) ♀ juv ♂ 103
 brown (black, bluish flesh below) leaden blue
- 4091 ✓ *Coereba mexicana* T.M.E. ♂ 115
 brown (black) leaden blue
- *4092 ✓ *Pachyramphus albogriseus* ♂ 160
 brown (black, flesh below) leaden
- *4093 ✓ *Pipra chrysopasta* ♀ 120
 - brown (blackish blue, flesh below) purple flesh
- *4094 ✓ *Veniliornis rufigepe haematostygma* (?) ♂ 182
 brown (black, pale blue below) olive leaden
- 4095 ✓ " " " ♀ 183
- *4096 ✓ *Tolmomyias flaviventris viridiceps* ♀ 135
 brown (black, pale ham at base below) leaden
- 4097 ✓ *Hypocnemis flavaescens* ♂ 123
 brown (black, bluish flesh below) olive
- 4098 *Myrmotherula hemimelaena* ♀ 134
 brown (black, leaden blue below) flesh

[107]

- 4099 ✓ *Myrmotherula erythrura* ♂ 120
brown black, toniae leaden, leaden blue
- 4100 ✓ *Myrmoborus leucophrys* ♀ 151
brown black leaden blue
- 4101 ✓ *Nyiospiza aurifrons* ♂ 140
brown black, leaden blue below, black flesh.
- ** 4102 ✓ *Barypterus martii* (tail broken) ♂ 473
brown black leaden blue.

Huacamayo, July 21.

A shower of rain this morning while at breakfast just enough to wet up everything. I worked "retiros" above & got little, then went up trail several miles back at 12⁵⁰, with 21 birds. Found most in bush across river - 9 birds.

- 4103 ✓ *Sclateria* imm ♂ 162
- 4104 ✓ " " ♀ 160
- 4105 ✓ *Galbula tombacea* ♂ 240
- 4106 ✓ *Myiobius* (?) 152
sulphur rump - rufous back
- 4107 ✓ *Arremon nigriceps* ♀ 156
brown black black flesh
- 4108 ✓ " " ♀ 153
- 4109 ✓ *Myrmotherula hemimelaena* ♂ 130
brown black pale leaden blue
- 4110 ✓ *Myrmoborus leucophrys* ♀ 150
brown black leaden blue
- 4111 ✓ *Microbates cinereiventris* ♀ 117
brown black black flesh below leaden blue

- 4112 ✓ *Myiophobus fasciatus* ♂ 141
 brown (black, flesh below) black
- 4113 ✓ *Basiloxerus coronatus* ♀ 128
 brown (black) yellowish brown
- ** 4114 ✓ *Empidonax* (type guatemalensis) ♀ 135
 brown (black, flesh below) dark leaden
- 4115 ✓ " " " ♂ 139
- 4116 ✓ *Pyrocephalus rubineus* juv ♂ 146
 brown (black) black
- 4117 ✓ *Mionectes striaticollis* ♂ 151
 brown (black, flesh below) bluish (leaden)
- 4118 ✓ *Pachysylvia ochraceiceps* ♂ 127
 white (black, flesh below) pale leaden blue
- 4119 ✓ *Tachyphonus rufiventris* ♂ 164
 brown (black) mand. rami leaden blue (leaden blue)
- 4120 ✓ " " " ♀ 153
 — (—) mand. rami black flesh
- 4121 ✓ *Actinotus ochrolaemus* ♀ 200
 brown (black, pale olive yellow below) olive
- 4122 ✓ *Vanio vermiculus* ♂ 176
 brown (black) blackish
- 4123 ✓ *Pipra chloroleuca* ♂ 118
 white (sooty above, flesh below) black flesh
- 4124 ✓ " " ♂ 119
- 4125 ✓ " " juv ♂ 122
 — (blackish, flesh at base black)
- 4126 *Dacnis angelica arcangelica* ♀ 127
 reddish (black, flesh below at base) rusty pink

[108]

- 4127 ✓ *Grallaria* same as first. brown \ black, flesh below, tail & ^{black}
♂ 165
- 4128 ✓ *Tarababa* red \ black \ leaden blue ♂ 230
- 4129 ✓ *Eubucco* same as *fa. Paupera* brown \ brownish yellow \ olive ♂ 160
- 4130 ✓ *Tangara schranki* T.M.E. brown \ black, leaden at base below \ leaden blue ♂ 140
- ** 4131 ✓ *Bucco striolatus* (?) straw \ bluish green, olive yellow below ♀ 203
yellowish olive
- * 4132 ✓ *Oreopelia montana* pale hazel \ purplish red, tip brown \ pale pink blood ♂ 240
- * 4133 ✓ *Thraupis coccinea* (?) brown \ black, leaden blue below \ leaden blue ♂ 191

Huacamayo, July 22

Rained off & on all afternoon yesterday, & began again about 2 P.M. & rained steadily till noon, at 9:30 we hurried out, but had showers all afternoon. Back at 4 P.M. - both went down trail. I got 10 birds from 5, one ditched.

- 4134 ✓ *Microbates cinereiventris* ♀ 118
brown \ black, black flesh below \ leaden
- 4135 ✓ *Microtropis goianensis* ♂ 144
brown \ black, brown below \ leaden
- 4136 ✓ *Myrmotherula erythronota* ♀ 127
brown \ black, leaden below \ leaden blue
- 4137 ✓ *Myrmoborus leucophrys* ♀ 138
brown \ black, leaden blue
- 4138 ✓ *Pachyramphus cinnamomeus* ♂ 118

- 4139 ✓ *heudelepis* *salvini* ♂ 140
 brown \ black, dark brown below \ dark brown
- 4140 ✓ *Thamnistes anabatinus* ♂ 164
 brown \ black, leaden blue (blue) line
- 4141 ✓ *Myiarchus ferox* ♂ 208
 + Sooty back; whitish edges to coverts, secondaries
 + tertials. brown \ black \ black
- ** 4142 ✓ *Myiozetetes granadensis obscurior* ♂ 183
 Breeding gray; back olive green; greater coverts &
 gull-like edged pale yellow, tail edged buffy,
 rest white, rest below saffron yellow
 brown \ black \ black
- 4143 ✓ *Galbula tombacea* ♂ 238
 brown \ black \ lime yellow.
- 4144 ✓ *Pachyrhamphus polychopterus niger* ♂ 167
 brown \ leaden blue \ leaden
- 4145 ✓ *Grallaria* ♂ 162
 (same) brown \ black, flesh below, tip dusky \ pale leaden
- 4146 ✓ *Myiospiza aurifrons* T.E. ♂ 134
 brown \ black, pale leaden blue below \ bluish flesh
- 4147 ✓ *Pitangus fuliginosus* ♂ 220
 brown \ crimson \ black

[109]

Huacamayo, July 23.

Morning dawned drizzling rain, with fog & mist down to ground. Rained till 9 AM, then it broke up a little & we went shooting. Rain soon began again & continued off & on till noon. I got back from down the hill at 2 P.M. - 14 birds. Cloudy & intermittent showers all afternoon.

- 4148 ✓ *Pitylus fuliginosus* ♀ 207
 brown \ dark crimson \ blackish brown
- 4149 ✓ *Pipra (caeruleiceps?)* ♀ 112
 brown \ black, bluish flesh below \ brown brown
- 4150 ✓ *Dysthaemas mentalis* ♂ 117
 brown \ black, leaden blue below \ leaden blue
- 4151 ✓ *Tyranniscus zelodon* ♂ 112
 brown \ black, leaden blue below \ leaden
- *4152 ✓ *Ramphastos couperi* ♂ 636
 brown \ black, ridge yellowish blue, bar of max. yellowish,
 wing mand. blue, tip pale brown \ violet blue
- 4153 ✓ *Myrmotherula erythrura* ~~larynx~~ ♀ 127
 brown \ black, tertiæ leaden \ leaden blue
- 4154 ✓ *Hypocnemis flavescens* ♀ 130
 brown \ black, bluish flesh below \ olive
- 4155 ✓ *Synallaxis maranonica* ♀ 160
 hazel \ black; leaden blue below \ blue leaden
- 4156 ✓ *Microxenopsmexicanus* ♂ 135
 brown \ black, tertiæ leaden blue broadly \ leaden blue
- 4157 ✓ " " ♀. 137
- 4158 ✓ *Xenops* ~~white streaks below~~ ♀ 118
 brown \ black, flesh below \ leaden blue
- 4159 ✓ *Heviolais salvini* ♀ 138
 brown \ black, flesh below medially \ brownish black

- 4160 ✓ *Thamnophilus schistaceus* ♀ 145
 brown (black, leaden blue) below, white
- 4161 ✓ *Synallaxis cabanisi* ♀ 160+
 brown (black, leaden blue) below (olive)
- 4162 ✓ *Musciculus marginatus* ♀ 127
 brown (black, flesh below) blackish brown
- 4163 ✓ *Thripadectes* ♂ 202
 (= No. 3972) brown (dusky brown, dusky flesh below) white
- 4164 ✓ *Xiphorhynchus ocellatus* ♀ 209
 brown (pale brown, blackish locally), white flesh (black) leaden
- 4165 ✓ *Cissops leucotis* ♀ 265
 yellow (black) black
- 4166 ✓ *Neomorphus geoffroyi* ♀ 545
 brown (blackish locally, pale greenish brown
 apically; face below leaden blue) (leaden blue)
- 4167 ✓ *Amazona mercenaria* (?) ♀ 338
 red brown (pale brown locally, blackish apically)
 (dirty slate)
- Heating up, July 24.
 Morning cloudy & foggy! We went out at 6:30.
 about 7 o'clock began to rain. Between showers I
 went down trail to old house 3 miles away, where
 I took refuge. Rain increased to downpour. Lasting
 till 1:30. I started back at 12:15 & got drenched
 at 2 P.M. rain stopped but remained cloudy all
 day.
- 4168 ✓ *Todirostrum poliocephalum* ♂ 103
 brown (black) leaden brown
- 4169 ✓ *Dacnis cayana* mi ♂ 126
 red-brown (black, pale brown at base below)
- 4170 ✓ *Phaeothlypis trivirgata* ♂ 146
 brown (black) (dusky flesh)
- 4171 ✓ *Myiotheretes hemimelaenus* ♂ 128
 brown (black) leaden blue
- 4172 ✓ *Thamnophilus schistaceus* ♂ 145
 red-brown (black, leaden blue) leaden blue

[10]

Huacawayo, July 25.

Partly clear this morning & looked like a fuji day, but at 9 AM, a heavy shower for 1 hr. & again at 12³⁰ just after we got in. P. in cloudy. 29° 68% 15 bird - Juan S.

4173 ✓ *Thalurania tschudii* ♂ 115
black/dusky horn

4174 ✓ " " " ♂ 120

** 4175 ✓ ♀ 137

Hummer; Green, with tail like *Colibri violarius*; blue patch behind eye & on chest, & a glittering green patch on hind crown, with large green feathers. black/black.

4176 ✓ *Synallaxis maranonica* ♂ 172
red-brown/black, leaden blue below, dull leaden blue

4177 ✓ *Heucatopis* s. salvinii ♀ 138
brown/black, pale blue below barely, dark horn

4178 ✓ " " " imm. ♀ 135
—) —; flesh below

4179 ✓ " " " imm. ♀ 136

4180 ✓ *Microcerculus marginatus* ♂ 136
brown/black, flesh below/leaden horn

4181 ✓ *Thamnomanes cæsius* ♀ 158
brown/black, pale leaden blue below/leaden blue

4182 ✓ *Turdus nigriceps* ♀ 213
brown/black, up pale, brownish flesh

4183 ✓ *Thraupis corylostis* ♀ 188
brown/black, leaden below/leaden

4184 ✓ *Automolus schistaceus* ♀ 207
brown/black; yellowish skin below

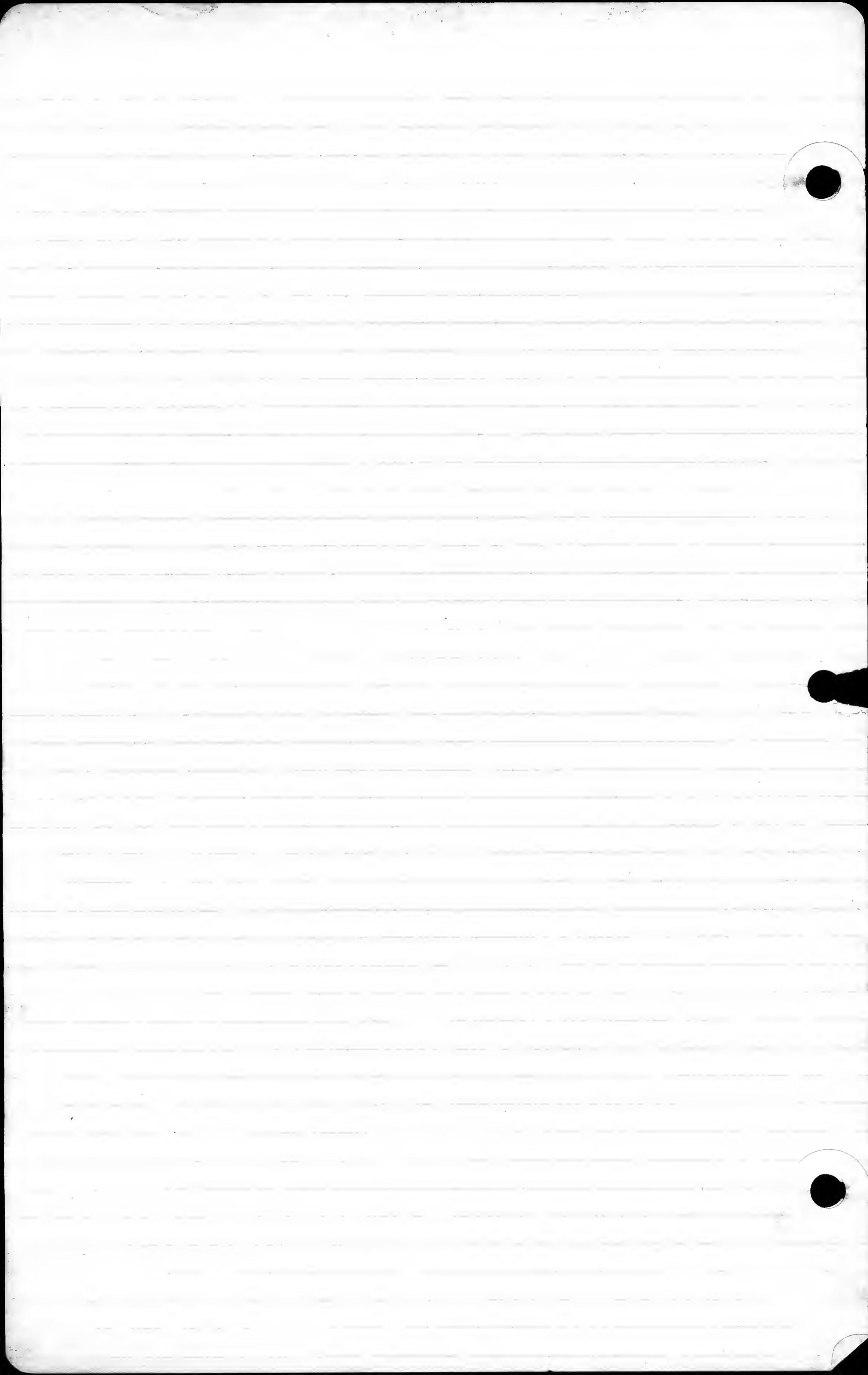
4185 ✓ *Xiphorhynchus obsoletus palliatus* ♀ 231
brown/black, horn blue below/leaden

- 4186 ✓ *Vireosyphax chivi* ♀ 140
 brown \ black, bluish flesh below (leaden blue)
- 4187 ✓ *Coturnis mexicana* ♂ 116
 brown \ black \ leaden
- 4188 ✓ *Pipra chloromeros* ♂ 118
 white \ dusky hairy flesh below, dusky flesh
- 4189 ✓ *Tangara* → ♂ 128
 small rusty fawn, yellow belly
 brown \ black, leaden blue below (leaden)
- 4190 ✓ " " ♀ 120
- 4191 ✓ " " ♂ 128
- 4192 ✓ *Alopochen pitangua* ♀ 232
 brown \ black, dusky flesh at base below \ black
- * 4193 ✓ *Monasa nigrifrons* ♂ 290
 brown \ crimson salmon \ black
- 4194 ✓ *Trogonurus* (?) tail broken ♂
 same as swallow from La Marq. No 388.
 brown \ yellow orange \ pale bluish hairy leaden
- 4195 " " ♀ 343
 brown \ pale leaden blue, edge black
- Huacamayo, July 26.
 Started raining sometime after midnight & never stopped till near noon. We went out at 12³⁰, back at 4 P.M. I went up trail & Juan down, Juan & cloudy rest of day but no rain.
- 4196 ✓ *Acrochordopus zeledoni* ♂ 111
 brown \ black, leaden below \ leaden
- 4197 ✓ *Glyphaetypus spurus* ♂ 153
 brown \ black, bluish base below \ blackish base
- * 4198 ✓ *Pipromorpha macconnelli persiana* ♂ 128
 brown \ black, brownish flesh at base below \ leaden

[111]

- 4199 ✓ *Sporophila luctuosa* imm. ♂ 121
brown) blackish brown, leaden blue below) leaden black.
- * 4200 ✓ *Turdus ignobilis* (?) ♂ 232
brown) dark brown, faintly mottled with yellowish
leaden brown)
- * 4201 ✓ *Cyanocompsa cyanocephala* — (?) T.E. ♂ 172
brown) black, brown blue below, ridge of mand.
black) leaden black)
- 4202 ✓ *Automolus ochrolaemus* ♀ 200
brown) blackish, pale olive yellow below) yellowish olive
- 4203 ✓ *Daedalus angelica* imm ♂ 120
yellow) black, white flat below) leaden
- 4204 ✓ " " ♀ 125
- 4205 ✓ *Vanessa versicolor* ♂ 172
brown) black, leaden
- 4206 ✓ *Eubucco aurantifacies* ♀ 163
red) blackish brown, olive yellow below variably
leaden olive)
- 4207 ✓ *Pipraeidea melanota* ♂ 155
grey) black, white flat below) black
- 4208 ✓ *Pitylos fuliginosus* ♂ 217
brown) crimson) black,

4208
172
212
244



Waikiki Jan 1932

Generator for lamp.

Fly dope

Sawdust

Sticker for birds (small & medium)

#40 Thread

#10 Scalpel blades

1 pr. small scissor

1" feather forceps

cork for Thunberg Bottle

~~4oz sulphuric acid~~

$\frac{1}{2}$

[112]

